2020 NissanConnect®

OWNER'S MANUAL

For your safety, read carefully and keep in this vehicle.

NISSAN CONSUMER AFFAIRS DEPARTMENT

For assistance or inquiries about the NISSAN Navigation System (if so equipped), NISSAN warranty, service or general questions, contact the NISSAN Consumer Affairs Department at:

For U.S. customers

Nissan North America, Inc.

Consumer Affairs Department

P.O. Box 685003

Franklin, TN 37068-5003

1-800-NISSAN-1

(1-800-647-7261)

For Canadian customers

Nissan Canada Inc.

5290 Orbitor Drive

Mississauga, Ontario L4W 4Z5

1-800-387-0122

For Mexican customers

Nissan Mexicana, S.A. DE C.V.

Av. Insurgentes Sur 1958 Col. Florida

C.P. 01030, México, CDMX

(55) 5628 2727

FOREWORD

Thank you for purchasing a NISSAN vehicle.

This user's manual is for NissanConnect® System and Services featuring Apple CarPlay® and Android Auto™ offered in your NISSAN vehicle.

Operation instructions for the following systems are included in this manual.

- Audio
- Hands-Free Phone
- Apple CarPlay®
- Android Auto™
- NissanConnect® Services powered by SiriusXM®
- Navigation
- Voice recognition
- Information and settings viewable on NissanConnect®

Please read this manual carefully to ensure safe operation of NissanConnect® System.

- Because of possible specification changes and optional equipment, some sections of this manual may not apply to your vehicle.
- All information, specifications and illustrations in this manual are those in effect at the time of printing. NISSAN reserves the right to change specifications or design at any time without notice.
- Do not remove this manual from the vehicle when selling this vehicle. The next user of the system may need the manual.

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HOW TO USE THIS MANUAL

This manual uses special words, symbols, icons and illustrations organized by function.

Please refer to the following items and familiarize yourself with them.

FOR SAFE OPERATION

WARNING

This is used to indicate the presence of a hazard that could cause death or serious personal injury. To avoid or reduce the risk, the procedures must be followed precisely.

CAUTION

This is used to indicate the presence of a hazard that could cause minor or moderate personal injury or damage to your vehicle. To avoid or reduce the risk, the procedures must be followed carefully.

NOTE:

Indicates items that help you understand and maximize the performance of your vehicle. If ignored, they may lead to a malfunction or poor performance.

REFERENCE SYMBOLS

INFO:

This indicates information that is necessary for efficient use of your vehicle or accessories.

Reference page:

This indicates the title and page that you should refer to.

< >:

This indicates a button on the control panel or the steering wheel.

[ ]:

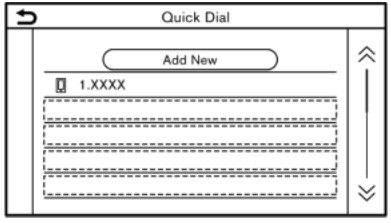
This indicates a key/item displayed on the screen.

Voice Command:

This indicates an operation by voice command.

SCREEN ILLUSTRATIONS

- The illustrations in this manual are representatives of various models and may not be identical with the design and specifications of your vehicle.
- Icons and menu items displayed on the screen may be abbreviated or omitted from the screen illustrations when appropriate. The omitted icons and menu items are described as dotted lines as illustrated.



SAFETY INFORMATION

This system is primarily designed to help you support pleasant driving as outlined in this manual. However, you, the driver, must use the system safely and properly. Information and the availability of services may not always be up to date. The system is not a substitute for safe, proper and legal driving.

Before using the system, please read the following safety information. Always use the system as outlined in this manual.

WARNING

- **To operate the system, first park the vehicle in a safe location and set the parking brake. Operating the system while driving can distract the driver and may result in a serious accident.**
- **Exercise extreme caution at all times so full attention may be given to vehicle operation. If the system does not respond immediately, please be patient and keep your eyes on the road. Inattentive driving may lead to a crash resulting in serious injuries or death.**
- **Do not rely on route guidance (if so equipped) alone. Always be sure that all driving maneuvers are legal and safe in order to avoid accidents.**
- **Do not disassemble or modify this system. If you do, it may result in accidents, fire or electrical shock.**
- **If you notice any foreign objects in the system hardware, spill liquid on the system or notice smoke or a smell coming from it, stop using the system immediately and it is recommended you contact a NISSAN dealer. Ignoring such conditions may lead to accidents, fire or electrical shock.**

CAUTION

- **Some jurisdictions may have laws limiting the use of video screens while driving. Use this system only where it is legal to do so.**
- **Extreme temperature conditions [below −4°F (−20°C) and above 158°F (70°C)] could affect the performance of the system.**
- **The display screen may break if it is hit with a hard or sharp object. If the display screen breaks, do not touch it. Doing so could result in an injury.**

NOTE:

Do not keep the system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the system, always keep the engine running.

Models with NissanConnect® Services:

NissanConnect® Services may not be available in some regions. Completing the NissanConnect® Services registration is necessary to use NissanConnect® Services related functions.

REGULATORY INFORMATION

RADIO APPROVAL NUMBER AND INFORMATION (for Mexico)

La operación de este equipo está sujeta a las siguientes dos condiciones:

(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y

(2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Modelo: AIVIH61L1

Marca: Bosch

BLUETOOTH® DEVICES

FCC Regulatory information

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

TRADEMARKS

Made for iPhone | iPod

Works with Apple CarPlay

Apple, iPhone®, iPod®, and iPod touch® are trademarks of Apple Inc., registered in the U.S. and other countries. Apple CarPlay® is a trademark of Apple Inc. Use of the Apple CarPlay® logo means that a vehicle user interface meets Apple performance standards. Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards. Please note that the use of this product with iPhone® or iPod® may affect wireless performance.

Bluetooth®

Bluetooth® is a trademark owned by Bluetooth SIG, Inc. and licensed to Robert Bosch GmbH.

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NISSAN is offering SiriusXM® services (SiriusXM® Audio, SiriusXM Traffic™, SiriusXM® Travel Link) for free during initial trial period.

SiriusXM® services require a subscription after trial period and are sold separately or as a package. The satellite service is available only in the 48 contiguous USA and DC. SiriusXM® satellite service is also available in Canada; see www.siriusxm.ca.

SiriusXM® Satellite Radio subscription (Audio Services) is sold separately or as a package, and is continuous until you call SiriusXM® to cancel. See SiriusXM® Customer Agreement for complete terms at siriusxm.com. For more information, call Listener Care at 1-877-447-0011 or visit siriusxm.com.

SiriusXM® Satellite Radio and SiriusXM Traffic™ subscriptions are sold separately or as a package, and are continuous until you call SiriusXM® to cancel. See SiriusXM® Customer Agreement for complete terms at www.siriusxm.com. SiriusXM® Travel Link is available in select markets. For more information, call Listener Care at 1-877-447-0011 or visit siriusxm.com/traffic.

SiriusXM® Satellite Radio and SiriusXM® Travel Link subscriptions are sold separately or as a package, and are continuous until you call SiriusXM® to cancel. See SiriusXM® Customer Agreement for complete terms at www.siriusxm.com. SiriusXM® Travel Link is available in select markets. For more information, call Listener Care at 1-877-447-0011 or visit siriusxm.com/travellink.

App Store

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

Siri®

Siri is a trademark of Apple Inc., registered in the U.S. and other countries.

Google/Google Play/Android/Android Auto

Google, Google Play, Android, Android Auto and other marks are trademarks of Google LLC.

LEGAL DISCLAIMER (for U.S. and Canada)

WARNING

Driving is serious business and requires your full attention. Only use features and connected devices when safe and legal to do so. Some features, including automatic crash notification and SOS (if so equipped), are dependent upon the telematics device being in operative condition, its ability to connect to a wireless network, compatible wireless network availability, navigation map data and GPS satellite signal receptions, the absence of which can limit or prevent the ability to reach the NissanConnect® Services Data Center and NissanConnect® Services Response Center or receive support. GPS mapping may not be detailed in all areas or reflect current road status. Never program GPS while driving. Only use Remote Engine Start/Stop (if so equipped) and Remote Horn & Lights (if so equipped) features in accordance with any laws, rules or ordinances in effect in your vehicle's location.

Feature availability is dependent on vehicle model, trim level, packaging and options. Compatible connected device may be required and feature availability may be dependent on device's capability. Refer to connected device's owner's manual for details. Late availability for some features.

Some services and features are provided by independent companies not within NISSAN's control. Should service provider terminate or restrict service or features, service or features may be suspended or terminated without notice or with no liability to NISSAN or its partners or agents. Services and features may require compatible cellular network provided by independent companies not within NISSAN or its partners' or agents' control. Cellular network signal strength may vary and may not be available in all areas or at all times. Services and features may not function if cellular network is unavailable, restricted, or terminated. NISSAN and its partners or agents are not responsible for associated costs or other third party changes that may be required for continued operation due to cellular network unavailability, restriction, or termination (including equipment replacements/upgrades, if available, or roaming charges on alternative networks). Technology is evolving, and changes by independent companies are not within NISSAN's or its partners' or agents' control.

Enrollment, owner consent, personal identification number (PIN), and subscription agreement may be required to receive full suite of features and services. Trial periods (if applicable) begin on the date of vehicle purchase or lease of a new NISSAN. Trial periods may be subject to change at any time and may be subject to early termination without notice. Required subscriptions may be sold separately for each available feature or service after trial period ends, and may continue until you call service provider to cancel. Installation costs, one-time activation fee, other fees and taxes may apply. Fees and programming subject to change. Feature may be subject to age restrictions in some areas. Subscriptions governed by service provider's subscription agreement, terms and conditions and privacy statements available at service provider's website. Text rates or data usage may apply.

The NISSAN names, logos and slogans are trademarks owned by or licensed to Nissan Motor Co. Ltd. or its North American subsidiaries. Other trademarks and trade names are those of their respective owners.

For important safety information, system

limitations, and additional operating and feature information, see dealer, owner's manual, or www.nissanusa.com/connect/important-information.

LEGAL DISCLAIMER (for Mexico)

Feature availability is dependent on vehicle model, trim level, packaging and options. Compatible connected device may be required and feature availability may be dependent on device's capability. Refer to connected device's owner's manual for details. Late availability for some features.

Driving is serious business and requires your full attention. Only use features and connected devices when safe and legal to do so. Some features, including automatic crash notification and SOS, are dependent upon the telematics device being in operative condition, its ability to connect to a wireless network, compatible wireless network availability, navigation map data and GNSS signal receptions, the absence of which can limit or prevent the ability to reach Customer Care or receive support. GNSS mapping may not be detailed in all areas or reflect current road status. Never program GNSS while driving.

Only use Remote Engine Start and Remote Horn features in accordance with any laws, rules or ordinances in effect in your vehicle's location.

Some services and features are provided by independent companies not within NISSAN's control. Should service provider terminate or restrict service or features, service or features may be suspended or terminated without notice or with no liability to NISSAN or its partners or agents.

Services and features may require compatible cellular network provided by independent companies not within NISSAN or its partners' or agents' control. Cellular network signal strength may vary and may not be available in all areas or at all times. Services and features may not function if cellular network is unavailable, restricted, or terminated.

NISSAN and its partners or agents are not responsible for associated costs or other third party changes that may be required for continued operation due to cellular network unavailability, restriction, or termination (including equipment replacements/upgrades, if available, or roaming charges on alternative networks). Technology is evolving, and changes by independent companies are not within NISSAN's or its partners' or agents' control. Enrollment, owner consent, personal identification number (PIN), and subscription agreement may be required to receive full suite of features and services.

Trial periods (if applicable) begin on the date of vehicle purchase or lease of a new

NISSAN. Trial periods may be subject to change at any time and may be subject to early termination without notice. Required subscriptions may be sold separately for each available feature or service after trial period ends, and may continue until you call service provider to cancel. Installation costs, one-time activation fee, other fees and taxes may apply. Fees and programming subject to change. Feature may be subject to age restrictions in some areas. Subscriptions governed by service provider's subscription agreement, terms and conditions and privacy statements available at service provider's website.

LICENSES

SOFTWARE LICENSES

Open Source Software Licenses

http://oss.bosch-cm.com/nissan.html

TELEMATIC CONTROL UNIT

http://opensourceautomotive.com/IC/tZ7T3eE6AiV4

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CONTROL BUTTONS AND TOUCH SCREEN DISPLAY

BUTTONS ON CONTROL PANEL

The control panel is located at the center of the instrument panel. Available functions, designs, locations, etc. may differ depending on the specifications and control panel types.

Button	Function
<MENU>	Push to display the HOME MENU screen. ☞ "How to view and operate HOME MENU screen" (page 2-9)
<AUDIO>	Push to display the audio screen. When this button is pushed while the audio screen is displayed, a screen to select an audio source will be displayed. ☞ "Selecting audio source" (page 3-8)
<BACK>	Depending on the screen, push to display the previous screen. Push and hold to quit the voice recognition session. ☞ "7. Voice recognition"
<☀/🔊>	Push to switch between the day screen (bright) and the night screen (dark) and to adjust the level of screen brightness. Push and hold the button to turn off the display. Push the button again to turn on the display.
<VOL/PUSH POWER>	Push to turn the audio system on/off. Turn to adjust the volume.
< ⏮ >/< ⏭ >	Use the buttons for audio operations. ☞ "Audio operations" (page 3-7)
<TUNE SCROLL/ENTER SETTING>	When a menu screen is displayed, turn the dial to select items on the screen. Push to confirm the selected item or setting. The button can also be used for audio operations. ☞ "Audio operations" (page 3-7)
<MAP>	Push to display the current location map. When a split map screen is displayed, push this button to display the full map screen. When available, voice guidances can be repeated by pushing and holding this button. ☞ "Navigation screen" (page 6-2)

Button	Function
< >	Push to display the phone screen. ☞ "4. Hands-Free Phone"
<CAMERA>	See the vehicle Owner's Manual for details of the monitor system.

TOUCH SCREEN DISPLAY

The touch screen display is located at the center of the instrument panel.

Various information and operation menus are displayed on the touch screen display. Touch keys and icons on the screen for operation.

Liquid crystal display

The touch screen display is a liquid crystal display and should be handled with care.

WARNING

Never disassemble the display. Some parts utilize extremely high voltage. Touching them may result in serious personal injury.

Characteristics of liquid crystal display:

- If the temperature inside the vehicle is especially low, the display will stay relatively dim or the movement of the images may be slow. These conditions are normal. The display will function normally when the interior of the vehicle has warmed up.
- Some pixels in the display are darker or brighter than others. This condition is an inherent characteristic of liquid crystal displays, and it is not a malfunction.
- A remnant of the previous display image may remain on the screen. This screen burn is inherent in liquid crystal displays, and it is not a malfunction.
- The screen may become distorted by strong magnetic fields.
- Depending on the condition, brightness may be adjusted automatically to prevent the display from screen burning.

Maintenance of display:

To clean the display screen, use a dry, soft cloth. If additional cleaning is necessary, use a small amount of neutral detergent with a soft cloth. Never spray the screen with water or detergent. Dampen the cloth first, then wipe the screen.

CAUTION

- **Clean the display with the ignition switch in the OFF position. If the display is cleaned while the ignition switch is placed in the ON position, unintentional operation may occur.**
- **To clean the display, never use a rough cloth, alcohol, benzine, thinner or any kind of solvent or paper towel with a chemical cleaning agent. They will scratch or deteriorate the panel.**
- **Do not splash any liquid, such as water or car fragrance, on the display. Contact with liquid will cause the system to malfunction.**

SWITCHES ON STEERING WHEEL

Only the steering wheel switches that can be used for NissanConnect® System are explained here. For the switches that are not explained here, refer to the vehicle Owner's Manual.

Switch	Function
<SOURCE>	Push to change the audio source.
< ▲ / ▼ >	Tilt to select a voice command while operating the Voice Recognition System. ☞ "7. Voice recognition" Tilt to read the previous or next message while a received text message is displayed on the screen. ☞ "Hands-free text messaging assistant" (page 4-7) This switch can also be used for audio operations. ☞ "Audio operations" (page 3-7)
<ENTER>	Push to confirm the selected voice command while operating the Voice Recognition System.
< 🔊 **>**	Push the + or - side of the switch to adjust the volume.
< 🎤 **>** (TALK)	Push to use the Voice Recognition System. Push and hold to end the voice recognition session. ☞ "Giving voice commands" (page 7-2) When Apple CarPlay® or Android Auto™ is active, pushing and holding this switch will start a Siri® or Google Assistant™ voice control session. ☞ "Siri® operation" (page 5-30) ☞ "Google Assistant™ operation" (page 5-34) If your iPhone® is connected to the in-vehicle system via Bluetooth®, Siri® Eyes Free can be activated by pushing and holding this switch without having to activate Apple CarPlay®. ☞ "Siri® Eyes Free" (page 5-36) If no Bluetooth® device is connected and Apple CarPlay® or Android Auto™ is not active, the Devices screen can be displayed by pushing and holding this switch. ☞ "Setting devices" (page 2-15)

Switch	Function
< >	Push to answer a received call, to end an active call or to read a received text message. Push and hold to reject an incoming call or to ignore a received text message. When no phone call is received or when there is no active call, pushing this switch will display the phone screen. Depending on conditions, pushing and holding this switch will start a voice recognition session for making a phone call. ☞ "4. Hands-Free Phone"

USB (Universal Serial Bus) CONNECTION PORTS

WARNING

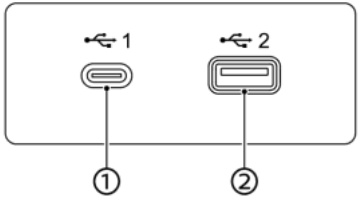
Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.

CAUTION

- **Do not force the USB device into the USB connection port. Inserting the USB device tilted or up-side-down into the port may damage the port. Make sure that the USB device is connected correctly into the USB connection port.**
- **Do not grab the USB connection port cover (if so equipped) when pulling the USB device out of the port. This could damage the port and the cover.**
- **Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.**

The vehicle is equipped with the USB connection ports. When connected, the in-vehicle audio system can play audio contents from the compatible device.

The USB connection ports are located on the lower part of the instrument panel.



① USB connection port (for USB Type-C only)

② USB connection port

Connect a compatible device to play media such as an iPod® or a USB memory device.

Connect an iPhone® or an Android™ phone to use Apple CarPlay® or Android Auto™.

INFO:

- The media hub layout and design vary depending on the models. The media hub on your vehicle may not be exactly as shown in the illustrations.
- Refer to your USB device manufacturer's owner information regarding the proper use and care of the device.
- Cables made by Apple Inc. should be used to connect electronic devices marketed by Apple Inc.

STARTING SYSTEM

The system starts when the ignition switch is placed in the ACC or ON position.

START-UP SCREEN (if so equipped)

The start-up screen is displayed when the ignition switch is placed in the ACC or ON position.

After an animated start-up screen is displayed, a message screen will be displayed. Touch [OK] after reading and agreeing to the message displayed on the screen. If you do not agree to the message, some of the functions on the system will be disabled.

NOTE:

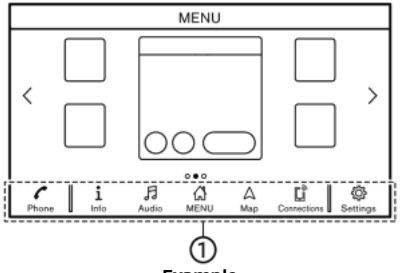
Do not keep the system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the system, always keep the engine running.

BASIC OPERATION

The system can be operated with the touch panel as well as switches on the control panel and the steering wheel.

This manual mainly describes the touch panel operation.

SELECTING MENU FROM LAUNCH BAR



Example

Various system functions can be accessed by touching the items on the Launch Bar ① which is displayed on most of the main menu screens. (The Launch Bar does not appear on some screens such as scrolled map screen, keyboard screen, etc.)

Touch the item on the Launch Bar to display the corresponding screens.

The items on the Launch Bar differ according to which button on the control panel is pushed.

The following menus are available on the Launch Bar.

When pushing <MENU>:

Shortcuts for various functions are displayed.

Displayed items may vary depending on models and specifications.

- [Phone]*
  ☞ "Phone" (page 4-4)
- [Info]
  ☞ "Information menu" (page 5-2)
- [Audio]
  ☞ "Audio operations" (page 3-7)
- [MENU]
  Touching [MENU] on the Launch Bar will display the center page of the HOME MENU screen.
- [Map]
  ☞ "Displaying navigation screen" (page 6-2)
- [Connections]
  ☞ "Connections settings" (page 2-15)
- [Settings]
  ☞ "System settings" (page 2-13)

*: [Phone] will be replaced by [▶] when Apple CarPlay® is active, and it will be replaced by [▲] when Android Auto™ is active.

When pushing <AUDIO>:

Shortcuts mainly for the audio functions are displayed.

☞ "Selecting audio source" (page 3-8)

When pushing <MAP> (if so equipped):

Shortcuts mainly for the navigation functions are displayed.

☞ "Launch Bar" (page 6-2)

HOW TO VIEW AND OPERATE HOME MENU SCREEN

Push **<MENU>** to display the HOME MENU screen.

The HOME MENU consists of 3 pages which can display preferred shortcuts and widgets.

Example

① Shortcut icons:

Icons for frequently used menu items can be placed on the HOME MENU screens as shortcuts.

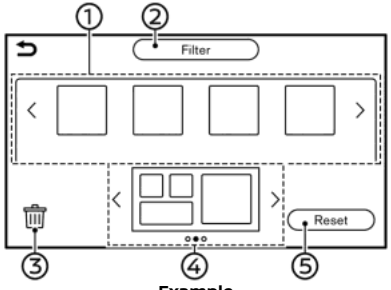
② Widget:

Useful information from primary menu functions can be displayed as widgets. Depending on the contents of the widget, keys may be available for operation of the function.

Customizing HOME MENU screen

The HOME MENU screen can be personalized by selecting which shortcuts and widgets are to be displayed and where to place them on the screen.

Selecting shortcut or widget:



Example

1. Touch [Settings] on the Launch Bar.
2. Touch [Customize Home Menu].
3. Drag the shortcut or widget icon ① to each page layout ④.

   If a different shortcut or a widget is already located on the page layout ④, a message will be displayed. Touch [Yes] to replace the shortcut/widget. The page layout ④ can be changed by dragging the icons.

   The categories of shortcuts or widgets can be narrowed down by touching [Filter] ② and selecting preferred categories.

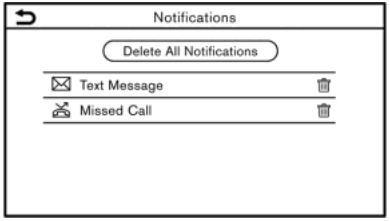
   Dragging an icon into the [🗑] ③ can delete the current shortcut or widget to create a blank spot.

INFO:

- Touch [🗑] ③, and then a message will appear. While the message is displayed, touching any icon on the page layout ④ and then touching [Delete] can delete the selected icon. To delete all icons, touch [Select All] and then touch [Delete].
- Touch [Reset] ⑤ to reset the HOME MENU screen to the default setting.

SWIPE-DOWN NOTIFICATIONS

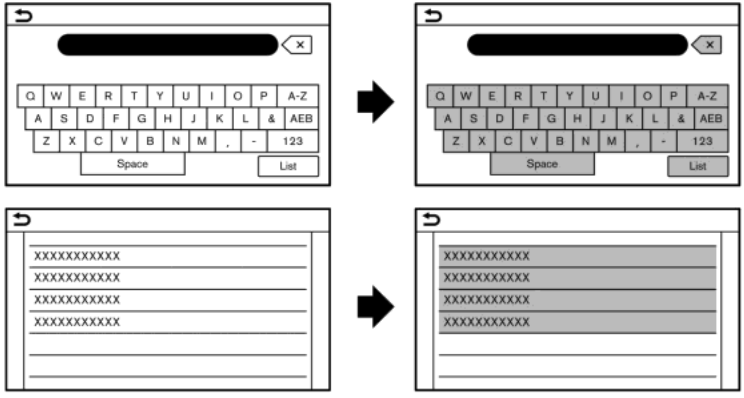
By swiping down on the touch screen display, a list of notifications (such as missed calls, text message reception, software update availability) can be displayed.



INFO:

- Touch an item on the list to see the details of the item.
- Touch [🗑] to delete an item.
- Touch [Delete All Notifications] to delete all items.

FUNCTIONS DISABLED WHILE DRIVING



Example

To ensure safe driving, some functions cannot be operated or have limited operation while the vehicle is in motion.

The on-screen text and keys for these restricted functions will be “grayed-out” or muted and cannot be selected while driving. In some cases, a screen message will appear indicating a restricted function.

Restricted functions while driving include:

- Character (letter and number) input screen
- Scrolling and viewing of certain list screens
- Displaying detailed information and selecting items on some information screens
- Adding/editing home location, address book entries and current route
- Connecting Bluetooth® devices for the first time
- Placing a call by dialing a number or selecting a phonebook entry
- Adjusting settings for phone, NissanConnect® Services (if so equipped), Bluetooth® functions, and other various functions

These functions will become available

again when the vehicle is not in motion.

Some of the destination setting functions that become unavailable while driving can be operated by the Voice Recognition System. Available voice commands may differ depending on the language setting.

SYSTEM SETTINGS

The system settings can be changed for personal convenience.

SETTINGS MENU

Touch [Settings] on the Launch Bar and touch a setting item you wish to adjust.

Available setting items may vary depending on models and specifications.

Available setting items

Setting item		Result
[Connections]		Displays the Devices, Wi-Fi and USB setting screen. ☞ "Connections settings" (page 2-15)
[Phone]		Displays the phone and text message settings screen. ☞ "Phone and text message settings" (page 4-11)
[Navigation]		Displays the navigation settings screen. ☞ "Navigation settings" (page 6-35)
[Sound]		Displays the audio settings screen. ☞ "Audio settings" (page 3-18)
[Volume & Beeps]		Adjusts the volume of various functions including audio, phone, navigation voice guidance (if so equipped) and system beeps.
[System Update]	[Version Information]	Displays the information of the Software Version, Map Version, etc.
	[Software Update]	The system software can be updated. ☞ "Updating system software" (page 5-5)
	[Map Update]	The map data can be updated. ☞ "How to update map data" (page 6-44) ☞ "How to update map data" (page 6-54)
[Clock]		Displays clock settings screen.
[Customize Home Menu]		Displays the HOME MENU editing screen. ☞ "Customizing HOME MENU screen" (page 2-9)

Setting item		Result
[Customize Audio Sources]		Displays the editing screen for audio source menus on the Launch Bar. ☞ "Selecting from Launch Bar" (page 3-8)
[NissanConnect Services]		Displays the NissanConnect® Services settings screen. ☞ "NissanConnect® Services settings" (page 5-15) ☞ "NissanConnect® Services settings" (page 5-24)
[System Voice]		Displays the system voice settings screen. ☞ "System Voice settings" (page 7-5)
[Camera]		Displays the camera settings screen. See the vehicle Owner's Manual for details of the monitor system.
[Others]	[Display]	Adjusts the display settings.
	[Language]	Changes the language used in the system.
	[Units]	Changes the units used in the system.
	[Keyboard Type]	Selects the keyboard layout of the character input screens.
	[Return All Settings to Default]	Resets all settings to default.
[Apps]	[Connections]	Displays the connection settings screen. ☞ "Connections settings" (page 2-15)
	[Notifications]	Displays the swipe-down notification setting screen. ☞ "Swipe-down notifications" (page 2-10)

INFO:

- The system software (if so equipped) and map (if so equipped) update menus can be accessed from [System Information] on the information screen, even if the menus are not available from the settings screen.
  ☞ "Information menu" (page 5-2)
- Do not change the position of the ignition switch while changing the language.
- **Models with navigation system:**

  If the language is not set to the standard language of the current vehicle position, the route guidance, the Voice Recognition System, etc. for map operation may not be available.

CONNECTIONS SETTINGS

Changing the settings and viewing information of connected devices, Wi-Fi and USB are available on the Connections screen.

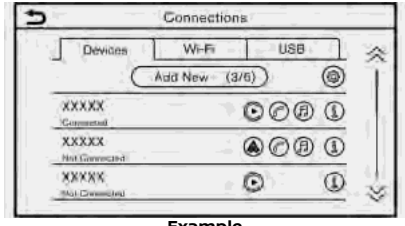
Setting devices

Settings of the devices connected via Bluetooth®, USB or Wi-Fi, such as smartphones used for Hands-Free Phone, Apple CarPlay®, Android Auto™, etc., can be changed.

The information of the devices can also be confirmed.

- "Apple CarPlay®" (page 5-28)
- "Android Auto™" (page 5-32)
- "USB memory device, iPod® or Bluetooth® audio operation" (page 3-15)
- "Bluetooth® Hands-Free Phone System" (page 4-2)

Connecting cellular phone/audio device:



Example

To use the Bluetooth® device with the in-vehicle system for the first time, the device connection operation is required.

1. Push **<MENU>** and touch [Connections].
2. Touch [Devices] and touch [Add New]. A message is displayed.

INFO:

If no Bluetooth® device is connected and Apple CarPlay® or Android Auto™ is not active, the same screen can be displayed by pushing and holding **<** **>** on the steering wheel.

3. Operate as guided by the system. (Operations may differ depending on the device.)

NOTE:

Some cellular phones or other devices may cause interference or a buzzing noise to come from the audio system speakers. Storing the device in a different location may reduce or eliminate the noise.

INFO:

- The paired device will be added to the list on the Devices screen.
- Touching the name of the other device on the list will switch the connected device.
- Touching [▶] will allow the device to activate/deactivate Apple CarPlay®. This icon is displayed if the device is compatible with Apple CarPlay®.
- Touching [▲] will allow the device to activate/deactivate Android Auto™. This icon is displayed if the device is compatible with Android Auto™.
- Touching [📞] will allow the device to be connected via Bluetooth® and be used on the Hands-Free Phone System.
- You can set a favorite hands-free phone. The [📞] by the phone device name selected as a favorite will be

marked with "★".
☞ "Bluetooth® settings" (page 2-16)

- Touching [♫] will allow the device to be connected via Bluetooth® and be used for Bluetooth® audio.
- You can set a favorite Bluetooth® audio device. The [♫] by the audio device name selected as a favorite will be marked with "★".
☞ "Bluetooth® settings" (page 2-16)
- Touching [ⓘ] will display the information of the device.
☞ "Bluetooth® settings" (page 2-16)
- Up to 6 Bluetooth® devices can be connected. If 6 devices are already connected, one of the devices must be deleted before connecting another device.
- The pairing procedure varies according to each device. See the device Owner's Manual for the details.
- Regarding recommended Bluetooth® devices, contact a NISSAN dealer or visit www.nissanusa.com/bluetooth/ (for U.S. and Canada).

Bluetooth® settings:

The Bluetooth® settings can be changed according to your preference.

1. Push **<MENU>** and touch [Connections].
2. Touch [Devices].
3. Touch [⚙].

Available setting items

Setting item	Action
[Bluetooth]	Turns the Bluetooth® connection on/off.
[Allow 2 Phones Simultaneously]	When turned on, up to 2 Bluetooth® devices can be connected to the in-vehicle system simultaneously.
[Favorite Phone]	A Bluetooth® device can be registered as a favorite hands-free phone. If the hands-free phone device is within the range with Bluetooth® turned on, the device registered as favorite will automatically be connected to the in-vehicle system with priority upon the system activation. Favorite phone is marked with "★" in the device list.

[Favorite Audio]	A Bluetooth® device can be registered as a favorite audio device. If the Bluetooth® audio device is within the range with Bluetooth® turned on, the device registered as favorite will automatically be connected to the in-vehicle system with priority upon the system activation. Favorite audio device is marked with "★" in the device list.
[Device Name]	The device name can be changed.
[PIN]	The PIN code can be changed.

INFO:

With [Device Name], the device name that appears on the screen can be changed and be renamed from the name set as default to the preferred name (such as "Steve's Car" for example).

Device information:

You can display the information of the devices connected to the vehicle.

1. Push **<MENU>** and touch [Connections].
2. Touch [Devices].
3. Touching [ⓘ] by the device name will display the information of the device.

Available items may vary depending on models and specifications.

Available items

Setting item	Action
[Delete]	Paired devices can be deleted from the list.
[Device Information]	Displays the information of connected Bluetooth® device.
[Smartphone Projection]	Displays the smartphone setting screen. ☞ "Apple CarPlay®" (page 5-28) ☞ "Android Auto™" (page 5-32)

Deleting device information:

Paired devices can be deleted from the list.

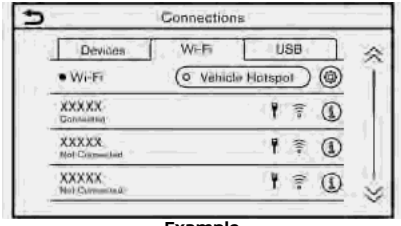
1. Push **<MENU>** and touch [Connections].
2. Touch [Devices].
3. Touch [ⓘ] by the device name you wish to delete.
4. Touch [Delete]. Touch [Yes] when a message appears.

Wi-Fi setting

A Wi-Fi connection can be made by using an available Wi-Fi network near the vehicle or using the Wi-Fi hotspot function (if so equipped), etc. Wi-Fi connectivity is useful for updating map data (if so equipped) and system software, or using online services.

☞ "Updating system software" (page 5-5)
☞ "How to update map data" (page 6-44)
☞ "How to update map data" (page 6-54)

Connecting to a Wi-Fi network:



Example

To use the Wi-Fi connection for the first time, the following connecting procedures are required.

1. Push **<MENU>** and touch [Connections].
2. Touch [Wi-Fi].
3. Touch the name of the device you wish to connect.

	Indicates that a password is set.
	Indicates the strength of the signal the Wi-Fi device is receiving.

4. Enter the network password and touch [OK]. The device will be connected.

   If a listed device is in a status capable of making Wi-Fi connection, touching the device name on the list will start the connection.

INFO:

- Enter the password correctly, including capitalization.
- Touching the [ⓘ] will display the network information. Turning [Connect Automatically] on will automatically connect the vehicle to the network if the network is available.
- The system can connect to only WPA2 security network (not connect WEP, WPA1 network).
- Wi-Fi networks that require a web browser cannot be accessed through this unit.

Wi-Fi settings:

The Wi-Fi settings can be changed according to your preference.

1. Push **<MENU>** and touch [Connections].
2. Touch [Wi-Fi].
3. Touch [⚙].
4. Touch a preferred item.

Available items may vary depending on models and specifications.

Available setting items

Setting item	Action
[Wi-Fi]	Turns the Wi-Fi connection on/off.
[Vehicle Hotspot]	Turns the vehicle hotspot on/off.
[Network Name (SSID)]	The Wi-Fi network name can be changed.
[Password]	The Wi-Fi network password can be changed.

Deleting Wi-Fi network:

The stored Wi-Fi network can be deleted from the list.

1. Push **<MENU>** and touch [Connections].
2. Touch [Wi-Fi].
3. Touch [ⓘ] by the name of the network you wish to delete.
4. Touch [Delete]. Touch [Yes] when a message appears.

Using Wi-Fi hotspot (if so equipped):

The Wi-Fi hotspot function enables you to connect devices such as a laptop computer or a tablet computer to the vehicle. You can access the Internet using TCU (Telematics Control Unit) installed in your vehicle when a service provider's sub-

scription is active. Up to 7 devices can be connected to the Wi-Fi hotspot.

INFO:

To use the Internet, a subscription with the service provider is required in advance. Consult your cellular provider for details.

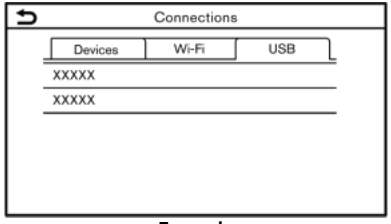
1. Push **<MENU>** and touch [Connections].
2. Touch [Wi-Fi].
3. Touch [Vehicle Hotspot]. Network Name (SSID) and password will be displayed.
4. Select the in-vehicle Network Name (SSID) on your device.
5. Enter the network password on the device to connect to the in-vehicle Wi-Fi network.

INFO:

- Enabling the Wi-Fi hotspot functionality of your device may incur additional charges from your cellular provider. Consult your cellular provider contract regarding the communication fee.
- The data transfer may be limited depending on the contents.
- Accessibility may be disabled depending on radio wave reception.
- When the automatic connection is active on your device and the Network Name (SSID) is already registered, turning [Vehicle Hotspot] on will automatically connect the device to the vehicle.
- When using wireless Apple CarPlay® (if so equipped), the Wi-Fi hotspot function cannot be used.
- The other wireless communication may cause interference with the Wi-Fi Hotspot function and a delay may occur.
- When operating the device in the vehicle, always obey the legal requirements in the state or province where you are driving.

Displaying USB device information

The information of the connected USB device can be viewed.



Example

1. Push **<MENU>** and touch [Connections].
2. Touch [USB].
3. Touch the name of the device you wish to check. The name and the type of the device are displayed.

MEMO

3 Audio system

Audio operation precautions 3-2
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USB (Universal Serial Bus) connection port 3-3
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Audio settings 3-18
Audio adjustments with audio adjust bar 3-18
USB memory device care and cleaning 3-19
USB memory device 3-19

AUDIO OPERATION PRECAUTIONS

CAUTION

- **Operate the audio system only when the vehicle engine is running. Operating the audio system for extended periods of time with the engine turned off can discharge the vehicle battery.**
- **Do not allow the system to get wet. Excessive moisture such as spilled liquids may cause the system to malfunction.**

RADIO

Place the ignition switch in the ACC or ON position before turning on the radio. If you listen to the radio with the engine not running, the ignition switch should be placed in the ACC position.

Radio reception is affected by station signal strength, distance from radio transmitter, buildings, bridges, mountains and other external influences. Intermittent changes in reception quality normally are caused by these external influences.

Using a cellular phone in or near the vehicle may influence radio reception quality.

Radio reception

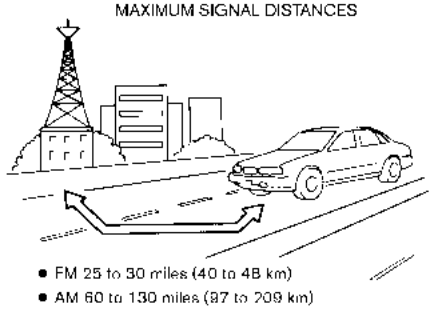
Your radio system is equipped with state-of-the-art electronic circuits to enhance radio reception. These circuits are designed to extend reception range, and to enhance the quality of that reception.

However there are some general characteristics of both AM and FM radio signals that can affect radio reception quality in a moving vehicle, even when the finest equipment is used. These characteristics are completely normal in a given reception area, and do not indicate any malfunction in your radio system.

Reception conditions will constantly change because of vehicle movement. Buildings, terrain, signal distance and interference from other vehicles can work against ideal reception. Described below are some of the factors that can affect your radio reception.

Some cellular phones or other devices may cause interference or a buzzing noise to come from the audio system speakers. Storing the device in a different location may reduce or eliminate the noise.

FM radio reception



Range: the FM range is normally limited to 25 to 30 miles (40 to 48 km), with monaural (single station) FM having slightly more range than stereo FM. External influences may sometimes interfere with FM station reception even if the FM station is within 25 miles (40 km). The strength of the FM signal is directly related to the distance between the transmitter and receiver. FM signals follow a line-of-sight path, exhibiting many of the same characteristics as light. For example, they will reflect off objects.

Fade and drift: As your vehicle moves away from a station transmitter, the

signals will tend to fade and/or drift.

Static and flutter: During signal interference from buildings, large hills or due to antenna position, usually in conjunction with increased distance from the station transmitter, static or flutter can be heard. This can be reduced by lowering the treble setting to reduce the treble response.

Multipath reception: Because of the reflective characteristics of FM signals, direct and reflected signals reach the receiver at the same time. The signals may cancel each other, resulting in momentary flutter or loss of sound.

AM radio reception

AM signals, because of their low frequency, can bend around objects and skip along the ground. In addition, the signals can bounce off the ionosphere and be bent back to earth. Because of these characteristics, AM signals are also subject to interference as they travel from transmitter to receiver.

Fading: Occurs while the vehicle is passing through freeway underpasses or in areas with many tall buildings. It can also occur for several seconds during ionospheric turbulence even in areas where no obstacles exist.

Static: Caused by thunderstorms, electrical power lines, electric signs and even traffic lights.

HD Radio™ Technology reception (if so equipped)

HD Radio Technology reception needs to be activated to receive HD Radio broadcasts.

☞ "Radio Menu" (page 3-11)

This enables you to receive radio broadcasts digitally (where available), providing a better quality sound with clear reception. When this feature is not activated or HD Radio broadcasts are not available, you will receive analog radio (AM/FM) broadcasts.

Satellite radio reception (if so equipped)

When the satellite radio is used for the first time or the battery has been replaced, the satellite radio may not work properly. This is not a malfunction. Wait more than 10 minutes with the satellite radio ON and the vehicle outside of any metal or large building for the satellite radio to receive all of the necessary data.

SiriusXM® services require a subscription after trial period and are sold separately or as a package. The satellite service is available only in the 48 contiguous USA and DC. SiriusXM® satellite service is also available in Canada; see www.siriusxm.ca.

The satellite radio performance may be affected if cargo carried on the roof blocks the satellite radio signal.

If possible, do not put cargo near the satellite antenna.

A buildup of ice on the satellite radio antenna can affect satellite radio performance. Remove the ice to restore satellite radio reception.

USB (Universal Serial Bus) CONNECTION PORT

WARNING

Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.

CAUTION

- **Do not force the USB device into the USB connection port. Inserting the USB device tilted or up-side-down into the port may damage the port. Make sure that the USB device is connected correctly into**

the USB connection port.

- **Do not grab the USB connection port cover (if so equipped) when pulling the USB device out of the port. This could damage the port and the cover.**
- **Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.**

The vehicle is not equipped with a USB device. USB devices should be purchased separately as necessary.

This system cannot be used to format USB devices. To format a USB device, use a personal computer.

This system supports various USB memory devices, USB hard drives and iPod® players. Some USB devices may not be supported by this system.

- Partitioned USB devices may not be played correctly.
- Some characters used in other languages (Chinese, Japanese, etc.) are not displayed properly on the display. Using English language characters with a USB device is recommended.

General notes for USB use:

Refer to your device manufacturer's owner information regarding the proper care of the device.

Notes for iPod® use:

iPod® is a trademark of Apple Inc., registered in the U.S. and other countries.

- Improperly plugging in the iPod® may cause a checkmark to be displayed on and off (flickering). Always make sure that the iPod® is connected properly.
- Audiobooks may not play in the same order as they appear on an iPod®.

Compatibility:

- iPhone® XR
- iPhone® XS Max
- iPhone® XS
- iPhone® X
- iPhone® 8 Plus
- iPhone® 8
- iPhone® 7 Plus
- iPhone® 7
- iPhone® SE
- iPhone® 6s Plus
- iPhone® 6s
- iPhone® 6 Plus
- iPhone® 6
- iPhone® 5s
- iPhone® 5c
- iPhone® 5
- iPod touch® (6th generation)

INFO:

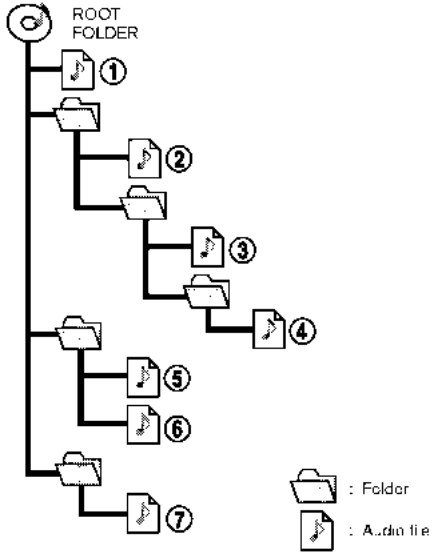
- Make sure that the iPod® firmware is updated.
- The Lightning™ connector works with iPhone® (5 through XR) and iPod touch® (6th generation).
  USB works with iPhone® (5 through XR) and iPod touch® (6th generation).
- Refer to your device manufacturer's owner information regarding the proper use and care of the device.

COMPRESSED AUDIO FILES (MP3/WMA/AAC)

Explanation of terms

- MP3 — MP3 is short for Moving Pictures Experts Group Audio Layer 3. MP3 is the most well-known compressed digital audio file format. This format allows for near "CD quality" sound, but at a fraction of the size of normal audio files. MP3 conversion of an audio track can reduce the file size by approximately a 10:1 ratio (Sampling: 44.1 kHz, Bit rate: 128 kbps) with virtually no perceptible loss in quality. The compression reduces certain parts of sound that seem inaudible to most people.
- WMA — Windows Media Audio (WMA) is a compressed audio format created by Microsoft as an alternative to MP3. The WMA codec offers greater file compression than the MP3 codec, enabling storage of more digital audio tracks in the same amount of space when compared to MP3s at the same level of quality.
- Bit rate — Bit rate denotes the number of bits per second used by a digital music file. The size and quality of a compressed digital audio file is determined by the bit rate used when encoding the file.
- Sampling frequency — Sampling frequency is the rate at which the samples of a signal are converted from analog to digital (A/D conversion) per second.
- Multisession — Multisession is one of the methods for writing data to media. Writing data once to the media is called a single session, and writing more than once is called a multisession.
- ID3/WMA tag — The ID3/WMA tag is the part of the encoded MP3 or WMA file that contains information about the digital music file such as song title, artist, album title, encoding bit rate, track time duration, etc. ID3 tag information is displayed on the Album/Artist/Track title line on the display.
- AAC — Advanced Audio Coding (AAC) is a compressed audio format. AAC offers greater file compression than MP3 and enables music file creation and storage at the same quality as MP3.

Playback order



- The folder names of folders not containing compressed audio files are not shown on the display.
- The playback order is the order in which the files were written by the writing software, so the files might not

play in the desired order.

- Music playback order of compressed audio files is as illustrated.

Specification chart for USB

Supported media	USB2.0
Supported file systems	FAT16, FAT32
Folder levels	Folder levels: 8, Files via folder: 255, Folders: 512 (including root folder), Files: 8000
Tag information (Song title, Artist name and Album name)	ID3 tag VER1.0, VER1.1, VER2.2, VER2.3, VER2.4 (MP3 only)
	WMA tag (WMA only)
	AAC tag (AAC only)

Format			**Sampling frequency**	**Supported bitrate**
MP3 *1	MPEG1	Layer-3	32, 44.1, 48 kHz	32-320 kbps
	MPEG2		16, 22.05, 24 kHz	8-160 kbps
WMA *2			8, 11.025, 16 ,22.05, 32, 44.1, 48 kHz	12-192 kbps
AAC (MPEG4) *3 (Extension “m4a” only)			11.025, 16, 22.05, 32, 44.1, 48 kHz	8-320 kbps
FLAC			8-192 kHz	128 kbps - 12,288 Mbps
Wav			8-192 kHz	128 kbps - 12,288 Mbps

*1 MPEG2.5 is not supported.

*2 WMA7, WMA8, WMA9, WMA9.1, WMA9.2 are supported. (WMA9 Professional, Lossless, Voice are not supported.)

*3 Only AAC files encoded by iTunes are supported. HE-AAC (High-Efficiency) is not supported.

BLUETOOTH® AUDIO

- Some Bluetooth® audio devices may not be recognized by the in-vehicle audio system.
- It is necessary to set up the wireless connection between a compatible Bluetooth® audio device and the in-vehicle Bluetooth® module before using the Bluetooth® audio.
- The Bluetooth® audio may stop playing when
  - — receiving a hands-free call.
  - — checking the connection to the hands-free phone.
  - — connecting the hands-free phone or the audio device.
  - — downloading the phonebook memory from the connected cellular phone.
- Do not place a Bluetooth® audio device in an area surrounded by metal or far away from the in-vehicle Bluetooth® module to prevent tone quality degradation and wireless connection disruption.
- While an audio device is connected through a Bluetooth® wireless connection, the battery of the device may discharge quicker than usual.
- This system supports the Bluetooth® Advanced Audio Distribution Profile (A2DP) and Audio/Video Remote Control Profile (AVRCP).
- Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn off the wireless LAN (Wi-Fi) when using the Bluetooth® functions.

AUDIO OPERATIONS

AUDIO MAIN OPERATION

Turning audio system on/off

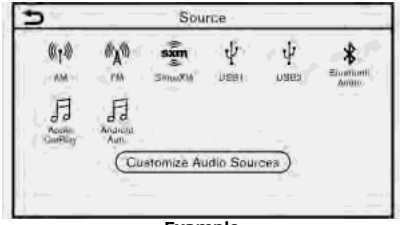
The ignition switch must be in the ACC or ON position to turn on the audio system. Push **<VOL/PUSH POWER>** to turn on the last audio source that was playing immediately before the system was turned off. To turn off the audio system, push **<VOL/PUSH POWER>** again.

INFO:

The audio system can also be turned on by turning **<VOL/PUSH POWER>** when the system is turned off.

Selecting audio source

Selecting from source menu screen:



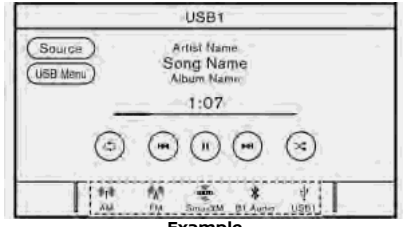
Example

1. Push **<AUDIO>** when the audio screen is displayed.
2. Select an audio source you prefer to play.

INFO:

- Touching [Source] on the upper left corner of the audio screen will also display the audio source menu screen.
- The audio source can also be changed by operating the vehicle information display. Refer to the vehicle Owner's Manual for the detail of the vehicle information display.

Selecting from Launch Bar:

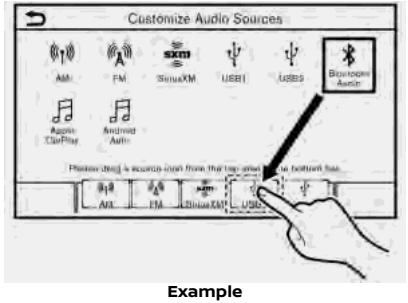


Example

The source icons are displayed on the Launch Bar. Touch the icon to select the preferred audio source.

Customizing Launch Bar

The source icons displayed in the Launch Bar can be customized.

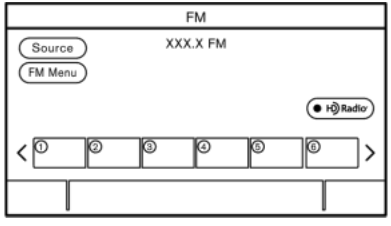


Example

1. Push **<AUDIO>** or touch [Source], while the Audio screen is displayed.
2. Touch [Customize Audio Sources].
3. Drag the preferred source icon to the Launch Bar.
4. Push **<BACK>** on the control panel or touch [⮌] to confirm the setting.

RADIO

Radio operation



Radio activation and band selection:

To listen to the radio, turn on the audio system and select a preferred radio band.
☞ "Selecting audio source" (page 3-8)

INFO:

When the stereo broadcast signal is weak, the radio will automatically change from stereo to monaural reception.

AM/FM radio and SiriusXM® Audio (if so equipped) operation:

General operations of AM/FM radio and SiriusXM® Audio are as follows.

Function		Operation
Manual tuning		
	AM/FM	● Control Panel — Turn **<TUNE SCROLL/ENTER SETTING>**.
	SiriusXM® Audio	● Control Panel — Push **< ⏮ >/< ⏭ >**. — Turn **<TUNE SCROLL/ENTER SETTING>**.
Fast tuning		● Control Panel — Push and hold **< ⏮ >/< ⏭ >**.
Seek tuning		
	AM/FM	● Control Panel — Push **< ⏮ >/< ⏭ >**. ● Steering wheel switch — Tilt and hold **< ▲ / ▼ >**.
Direct tuning		
	SiriusXM® Audio	● Touch screen display — To directly tune to the preferred channels, touch [Direct Tune] on the [SXM Menu] screen and then enter the radio frequency. ☞ "Radio Menu" (page 3-11)

Function		Operation
Presetting stations/channels		● Touch screen display Up to 6 for AM, 12 for FM and 18 for SiriusXM® stations/channels can be registered in the preset list. 1. Select a radio band (AM, FM or SiriusXM®). 2. Tune to the station/channel you wish to store. 3. Touch and hold one of the preset numbers in the preset list on the radio screen. The information such as frequency (AM/FM), channel number (SiriusXM®), etc. will be displayed on the preset list.
Selecting stations/channels		● Steering wheel switch — Tilt **< ▲ / ▼ >**.
		● Touch screen display — Briefly touch a preferred station/channel on the preset list on the radio screen.
Replay	SiriusXM® Audio	● Touch screen display — Touch [Replay] on the SiriusXM® Audio screen to replay up to 60 minutes of the broadcast of the currently playing channel. Touch [Presets] to return to the current SiriusXM® Audio reception.

INFO:

- To turn on the HD Radio mode (if so equipped), touch the HD Radio mode on/off key on the radio screen.
- HD Radio reception needs to be enabled to receive HD Radio broadcasts. This enables you to receive radio broadcasts digitally (where available), providing a better quality sound with clear reception. When this feature is not enabled or HD Radio broadcasts are not available, you will receive analog radio (AM/FM) broadcasts.

Radio Menu

Touch [AM Menu], [FM Menu] and [SXM Menu] (if so equipped) on each radio screen to display the corresponding menu screen. Available menu items may vary depending on models and specifications.

[AM Menu]/[FM Menu]:

Menu	Action
[SCAN]	Touch to scan tune the stations. The stations will be tuned from low to high frequencies and stop at each broadcasting station for several seconds. Touching [SCAN] again during this period of several seconds will stop scan tuning and the radio will remain tuned to that station.
[Radio Text]	Displays the radio text information.
[Refresh]	Touch to update the station list displayed on the right side of the AM or FM menu screen.
Station List	The station list is displayed on the right side of the AM and FM menu screen.

[SXM Menu] (if so equipped):

Menu	Action
[Now Playing]	Touch to display the SiriusXM® screen.
[Channel List]	Touch to display the channel list.
[Direct Tune]	Touch to select a channel by entering channel number directly. Touch [Now Playing] to return to the SiriusXM® screen without any changes.
[Tag Artist]	Touch to save the current artist as a favorite.
[Tag Song]	Touch to save the current song as a favorite.
[Categories]	Touch to select a channel by selecting from the category list.

Menu	Action
[Start Tune Scan]	While the audio system is on, all songs playing on the preset channels (up to 12 from the first) are recorded. Up to one hour of music is recorded for each preset channel. Touch to scan play the recorded songs for a few seconds (oldest song is played first). Touch [Play] to stop scanning and select currently played song to replay. Touch [⏮]/[⏭] to skip to the next or previous song. Touch [Abort] to cancel the scanning.
[Favorite Artists: History]	Touch to display the favorite artist alert history.
[Favorite Songs: History]	Touch to display the favorite song alert history.
[Sports Flash: History]	Touch to display the sports flash alert history.
[Edit Favorite Artists]	Turn on/off the notification for favorite artists. Touching [Turn All Alerts ON]/[Turn All Alerts OFF] can turn on/off for all artist at once. Touching [🗑] can delete a stored favorite artist. Touch [Delete All Favorites] to delete all stored artists.
[Edit Favorite Songs]	Turn on/off the notification for favorite songs. Touching [Turn All Alerts ON]/[Turn All Alerts OFF] can turn on/off for all song at once. Touching [🗑] can delete a stored favorite song. Touch [Delete All Favorites] to delete all stored songs.
[Edit Sports Flash Teams]	Turn on/off the notification for a favorite team. Touching [Turn All Alerts ON]/[Turn All Alerts OFF] can turn on/off for all team at once. Touching [🗑] can delete a stored favorite team. Touch [Add Team] to add a new favorite team to the list.
[Edit Favorite TWN City]	Touch to select a city from the list. Traffic & Weather Now (TWN) provides the traffic and weather information for the selected city and nearby area by touching the Traffic & Weather Now indicator on the SiriusXM® screen.
[Notification Settings]	Touch to turn on/off the notifications for Artists, Songs, and Sports Flash. Turning on [Alerts on Non-Audio Screens] can also display the notification on menu screens other than the audio screen.
[Customize Channel List]	Touch to customize the channel list. Only the selected channels will be tuned in to when you seek or scan the channels. You can select each item or select [Disable All Channels]/[Enable All Channels]. You can also turn on/off [Mature Channels].

Menu	Action
[Tune Start]	Touch to turn on/off the Tune Start feature. This feature buffers the content playing on each of the SiriusXM® preset channels, so that when a preset channel is selected, the currently playing song always starts playing from the beginning.

INFO:

- SiriusXM® Audio requires a subscription after trial period and are sold separately or as a package. The satellite service is available only in the 48 contiguous USA and DC. SiriusXM® satellite service is also available in Canada; see www.siriusxm.ca.
- It may take some time to receive the activation signal after the initiation of the SiriusXM® Satellite Radio subscription. After receiving the activation signal, an available channel list will automatically be updated in the radio. Change the position of the ignition switch from LOCK to ACC to update the SiriusXM® channel list.

USB MEMORY DEVICE, iPod® AND BLUETOOTH® AUDIO PLAYER

WARNING

Do not connect, disconnect or operate the USB device while driving. Doing so can be a distraction. If distracted you could lose control of your vehicle and cause an accident or serious injury.

CAUTION

- **Do not force the USB device into the USB connection port. Inserting the USB device tilted or up-side-down into the port may damage the port. Make sure that the USB device is connected correctly into the USB connection port.**
- **Do not grab the USB connection port cover (if so equipped) when pulling the USB device out of the port. This could damage the port and the cover.**
- **Do not leave the USB cable in a place where it can be pulled unintentionally. Pulling the cable may damage the port.**

Some or all of the described functions may not be supported depending on the devices.

Connection and activation

USB memory device:

Connection

Connect a compatible USB memory device into the port.

☞ "USB (Universal Serial Bus) connection ports" (page 2-7)

Refer to your device manufacturer's owner information regarding the proper use and care of the device.

Activation

Connecting the USB memory device into the port will start playing the stored files. USB memory device can also be played by selecting the source on the audio source menu screen.

☞ "Selecting audio source" (page 3-8)

iPod®:

Connection

Connect a compatible iPod® to the USB connection port via a USB cable.

☞ "USB (Universal Serial Bus) connection ports" (page 2-7)

The battery of the iPod® will be charged while the device is connected to the vehicle if the iPod® supports charging via a USB connection.

Depending on the device and firmware version of the iPod®, the display on the iPod® shows a NISSAN or Accessory Attached screen when the connection is completed. When the iPod® is connected to the vehicle, the iPod® music library can only be operated by the vehicle audio controls.

Activation

Connecting an iPod® to the vehicle via USB cable will activate the iPod® mode. The iPod® can also be played by selecting the source on the audio source menu screen.

☞ "Selecting audio source" (page 3-8)

Bluetooth® audio:

Connection

Connect a compatible streaming audio capable Bluetooth® device (A2DP profile) to set up a wireless connection between the Bluetooth® device and the in-vehicle system. Bluetooth® connection can be set up from the Connections screen.

☞ "Setting devices" (page 2-15)

INFO:

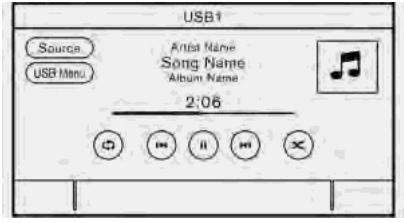
- Depending on the Bluetooth® audio device that is connected, it may not be possible to perform audio operations or a delay may occur before music is played back.
- Not all Bluetooth® devices have the same level of controls for AVRCP. Consult the manual for your Bluetooth® device for more details.
- Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn off the wireless LAN (Wi-Fi) when using the Bluetooth® functions.

Activation

A Bluetooth® audio device can be played by selecting the source on the audio source menu screen.

☞ "Selecting audio source" (page 3-8)

USB memory device, iPod® or Bluetooth® audio operation



General operations of USB memory device, iPod® and Bluetooth® audio are as follows.

Function	Operation
Play	Touch [▶].
Pause	Touch [⏸].
Selecting audio source	Touch [Source] on the audio screen to select an audio source from the source menu screen. ☞ "Selecting audio source" (page 3-8)
Displaying menu screens	Touch the menu keys (such as [USB Menu], [iPod Menu], [BT Menu], etc.) on the audio screens.
Skipping tracks	● Control panel — Push **< ⏮ >/< ⏭ >**. — Turn **<TUNE SCROLL/ENTER SETTING>**. ● Steering wheel switch — Tilt **< ▲ / ▼ >**. ● Touch screen display — Touch [⏮]/[⏭].
Selecting folders and tracks	● Touch screen display — Touch the menu keys (such as [USB Menu], [iPod Menu], [BT Menu], etc.) on the audio screens to display folder or track list. Select a preferred folder or track from the list. ☞ "USB memory device, iPod® or Bluetooth® audio menu" (page 3-17)
Rewinding/fast-forwarding	● Control Panel — Push and hold **< ⏮ >/< ⏭ >**. ● Steering wheel switch — Tilt and hold **< ▲ / ▼ >**. ● Touch screen display — Touch and hold [⏮]/[⏭].
Changing play mode (repeat/random)	Touch [↻] to change the repeat mode, and touch [⤮] to change the random mode.

USB memory device, iPod® or Bluetooth® audio menu

Touch [USB Menu], [iPod Menu] and [BT Menu] on each audio screen to display the corresponding audio menu screen.

Available setting items may vary depending on models, specifications and the connected audio device.

Depending on the connected device, [BT Menu] may not be displayed.

Menu	Action
[Now Playing]	Touch to display the current playing audio screen.
[Current List]	A list of tracks in the currently selected category is displayed. To scroll up or down the list, turn **<TUNE SCROLL/ENTER SETTING>**.
[Folder List]	Touch to display the folder list. Touch an item on the list to select the folder. The subfolder or track list will be displayed. Select a subfolder or track from the list.
[Album Artwork]	Touch to turn on/off the album artwork display on the audio screens.
[Playlists]	Touch to display the list according to the selected item.
[Artists]	
[Albums]	
[Songs]	
[Genres]	
[Composers]	
[Audiobooks]	
[Podcasts]	

Menu	Action
[Connections]	Touch to display the Connections screen. ☞ "Connections settings" (page 2-15)

SMARTPHONE AUDIO

You can also listen to music from your compatible smartphone using Apple CarPlay® or Android Auto™.

☞ "Apple CarPlay®" (page 5-28)
☞ "Android Auto™" (page 5-32)

Connecting smartphone

Connect the iPhone® or Android™ phone to the USB connection port.

☞ "USB (Universal Serial Bus) connection ports" (page 2-7)

Depending on the models, iPhone® devices can also be connected wirelessly for Apple CarPlay®.

☞ "Connecting wirelessly" (page 5-29)

Smartphone audio operation

1. Connect the iPhone® or Android™ phone and activate Apple CarPlay® or Android Auto™.
2. Push **<AUDIO>**.
3. Touch [Source].

4. Touch [Apple CarPlay] or [Android Auto] in the audio source menu screen, and the smartphone audio starts activating.
☞ "Selecting audio source" (page 3-8)

AUDIO SETTINGS

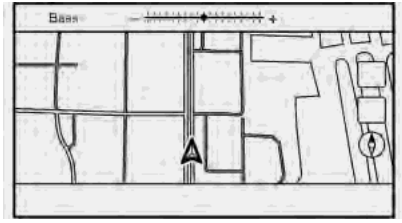
Audio settings can be adjusted with the following procedure.

1. Touch [Settings] on the Launch Bar.
2. Touch [Sound].

Available setting items may vary depending on models and specifications.

Setting items	Action
[Bass]	Adjust the speaker tone quality and sound balance by touching [-]/[+], [L]/[R] or [R]/[F].
[Treble]	
[Balance]	
[Fade]	
[Bass Enhancer]	When this item is turned on, the system enhances bass sound.
[Speed Sensitive Volume]	Automatically adjusts the volume depending on the vehicle speed. Touch [-]/[+] to change the sensitivity level.

AUDIO ADJUSTMENTS WITH AUDIO ADJUST BAR



When the list screen is not displayed, pushing **<TUNE SCROLL/ENTER SETTING>** will display the audio adjustment bar. Each time the button is pushed, the menu will shift to the available setting items.

Turn the button to adjust the level of the selected setting item.

INFO:

This function may not be available when a menu is highlighted on the screen.

USB MEMORY DEVICE CARE AND CLEANING

USB MEMORY DEVICE

- Never touch the terminal portion of the USB memory device.
- Do not place heavy objects on the USB memory device.
- Do not store the USB memory device in highly humid locations.
- Do not expose the USB memory device to direct sunlight.
- Do not spill any liquids on the USB memory device.

Refer to the USB memory device Owner's Manual for the details.

MEMO

4 Hands-Free Phone

Bluetooth® Hands-Free Phone System 4-2
Phone screen 4-3
Indicators 4-4
Phone 4-4
Hands-free text messaging assistant 4-7
Phone and text message settings 4-11

BLUETOOTH® HANDS-FREE PHONE SYSTEM

WARNING

- **Use a phone after stopping your vehicle in a safe location. If you have to use a phone while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.**
- **If you find yourself unable to devote full attention to vehicle operation while talking on the phone, pull off the road to a safe location and stop your vehicle before doing so.**

CAUTION

To avoid draining the vehicle battery, use a phone only after starting the engine.

Your vehicle is equipped with Bluetooth® Hands-Free Phone System. If you are an owner of a compatible Bluetooth® enabled cellular phone, you can set up the wireless connection between your cellular phone and the in-vehicle phone module. With Bluetooth® wireless technology, you can make or receive a telephone call with your cellular phone in your pocket.

Once a cellular phone is connected to the in-vehicle phone module, the procedures for connecting the phone does not need to be performed again. Your phone will automatically re-connect to the in-vehicle phone module when the ignition switch is placed in the ACC or ON position with the selected cellular phone turned on and carried in the vehicle.

You can register up to 6 different Bluetooth® devices in the in-vehicle phone module. However, you can talk on only one cellular phone at a time.

The Voice Recognition System supports phone and text message commands, so dialing a phone number using your voice is possible.

☞ "7. Voice recognition"

Before using the Bluetooth® Hands-Free Phone System, refer to the following notes.

- Wireless LAN (Wi-Fi) and the Bluetooth® functions share the same frequency band (2.4 GHz). Using the Bluetooth® and the wireless LAN functions at the same time may slow down or disconnect the communication and cause undesired noise. It is recommended that you turn off the wireless LAN (Wi-Fi) when using the Bluetooth® functions.
- Set up the wireless connection between a compatible cellular phone and the in-vehicle phone module before using the Bluetooth® Hands-Free Phone System.
- Some Bluetooth® enabled cellular phones may not be recognized by the in-vehicle phone module. If the system seems to be malfunctioning or not connecting to the phone, contact a NISSAN dealer or visit the website below for a recommended phone list and troubleshooting help.
  www.nissanusa.com/bluetooth/ (for U.S. and Canada)
- You will not be able to use a hands-free phone under the following conditions:
  — Your vehicle is outside of the telephone service area.
  — Your vehicle is in an area where it is difficult to receive radio waves; such as in a tunnel, in an underground parking garage, behind a tall building or in a mountainous area.

— Your cellular phone is locked in order to prevent dialing.

- When the radio wave condition is not ideal or ambient sound is too loud, it may be difficult to hear the other person's voice during a call.
- Immediately after the ignition switch is placed in the ACC or ON position, it may not be possible to receive a call for a short period of time.
- Do not place the cellular phone in an area surrounded by metal or far away from the in-vehicle phone module to prevent tone quality degradation and wireless connection disruption.
- While a cellular phone is connected through the Bluetooth® wireless connection, the battery power of the cellular phone may discharge quicker than usual.
- Some cellular phones or other devices may cause interference or a buzzing noise to come from the audio system speakers. Storing the device in a different location may reduce or eliminate the noise.
- Refer to the cellular phone Owner's Manual regarding the telephone pairing procedure specific to your phone, battery charging, cellular phone antenna, etc.
- The antenna or battery display on the monitor may not coincide with the antenna or battery display of some cellular phones.
- If reception between callers is unclear, adjusting the incoming or outgoing call volume may improve the clarity.
  ☞ "Control buttons and touch screen display" (page 2-2)
- The microphone is located near the map light.
- To improve call quality, the microphone is optimized to recognize the driver's voice. Speech from vehicle passengers may not be captured by the Bluetooth® Hands-Free Phone System.
- Keep the interior of the vehicle as quiet as possible to hear the caller's voice clearly as well as to minimize echo.

  Reduce background noise as much as possible by closing windows and pointing HVAC vents away from the ceiling.

PHONE SCREEN

The phone screen can be displayed by touching [Phone] on the Launch Bar, pushing < > on the steering wheel or pushing < > (if so equipped) on the control panel.

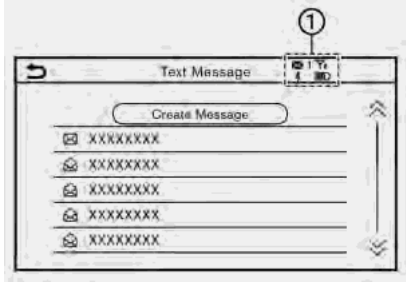
Available items

Menu item	Action
[Quick Dial]	Displays the Quick Dial screen. ☞ "Making a call" (page 4-5)
[Phonebook]	Displays the phonebook screen. ☞ "Making a call" (page 4-5)
[Call History]	Displays the call history screen. ☞ "Making a call" (page 4-5)
[Dial Number]	Displays the phone number entry screen. ☞ "Making a call" (page 4-5)
[Text Message]	Displays the received message list screen. ☞ "Displaying received message list" (page 4-8)
[Connections]	Displays the connection screen. ☞ "Setting devices" (page 2-15)
[Volume]	Displays the volume adjustment screen. ☞ "Volume settings" (page 4-13)

INFO:

Depending on the connected device, some functions cannot be used.

INDICATORS



Example

When a cellular phone is connected through the Bluetooth® wireless connection, indicators ① for phone and text messaging are displayed on the top of the screen.

Available indicators may vary depending on models and specifications.

1	Indicates the number of unread received messages.
	Indicates that Bluetooth® device(s) are connected.
	Indicates the strength of the signal the Bluetooth® device is receiving.
	Indicates the amount of remaining Bluetooth® device battery.

PHONE

Connecting Bluetooth® Hands-Free Phone

A cellular phone device must be registered to the Bluetooth® Hands-Free Phone System before operation. Up to 6 Bluetooth® devices can be registered to the system.
☞ "Setting devices" (page 2-15)

Phone selection

Follow the instructions below to select a registered device for use with the Bluetooth® Hands-Free Phone System:

1. Touch [Phone] on the Launch Bar.
2. Touch [Connections] and touch [Bluetooth]. A list of the registered cellular phones is displayed.

3. Touch one of the registered cellular phones from the list.

   When the connection is successful, "Connected" is displayed under the device name.

   If [✆] is displayed in gray, touch [✆].

INFO:

To select a phone, the Bluetooth® of the cellular phone needs to be turned on.

Making a call

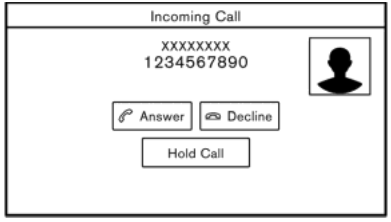
1. Touch [Phone] on the Launch Bar.
2. Select one of the following methods to make a call.

[Quick Dial]	Select a telephone number registered as a Quick Dial number. ☞ "Quick Dial" (page 4-14)
[Phonebook]	Select a person and the phone number you wish to call from the phonebook. Depending on the device, the phonebook will be downloaded from the cellular phone automatically when it is connected. If the automatic download does not take place, the telephone number must be transferred to the hands-free phone system from the cellular phone prior to using this method. ☞ "Phone settings" (page 4-11)
[Call History]	Select a telephone number from recent incoming, outgoing or missed calls.
[Dial Number]	Enter the phone number manually using the keypad displayed on the screen.

INFO:

Either of the two connected phone devices can be selected for dialing operation when [Allow 2 Phones Simultaneously] is turned on.
☞ "Bluetooth® settings" (page 2-16)

Receiving a call



When you receive a phone call, the display switches to the Incoming Call screen and the ringtone is played through the vehicle's audio system.

Taking a call:

To answer the call, take one of the following actions.

- Push < ✆ > on the steering wheel.
- Touch [Answer].

Rejecting a call:

To reject the call, take one of the following actions.

- Push and hold < ✆ > on the steering wheel.
- Touch [Decline].

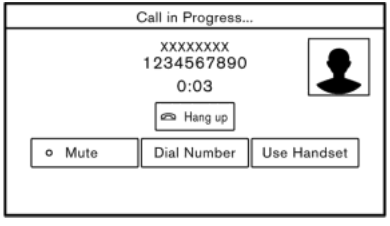
Holding a call:

To hold the call, touch [Hold Call].

INFO:

If [Allow 2 Phones Simultaneously] is turned on, two hands-free phone devices can be connected at the same time. If one of the connected devices receives an incoming call while the other device is already online, a pop-up message will appear to inform that answering the call will hang up the line of the other connected device. Touch [Answer] to answer the call and hang up the line on the other device. Touch [Decline] to continue the conversation on the other device.

During a call



The Call in Progress screen will appear during a call.

To hang up the phone, touch [Hang up].

Operations during a call:

There are some options available other than hanging up a call or answering/rejecting incoming calls.

Touch one of the following displayed keys on the screen to take action.

Available item	Action
[Use Handset]	Transfer the call to the cellular phone.
[Mute]	When muted, your voice will not be heard by the person on the other end of the line.
[Dial Number]	Using the touch tone, send digits to the connected party for using services such as voicemail.
[Switch Call]*	Answer another incoming call. The person you are talking to will be placed on hold. Touch once more to speak to the person on hold again.

*: Available when a call is received while on the line with another person. The availability of this function depends on the cellular phone.

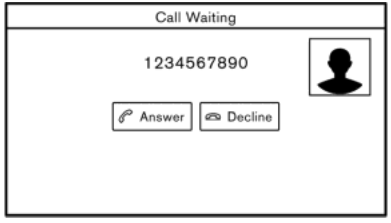
INFO:

To adjust the person's voice to be louder or quieter, push **< ◁ >** on the steering wheel or turn **<VOL/PUSH POWER>** on the control panel while talking on the phone.

Ending a call:

Push **<** ✆ **>** on the steering wheel to end an active call.

Call from a second person:



When another phone call is received during a call, the Call Waiting screen will appear.

Answering call from a second person:

To answer the call from the second person and place the first caller on hold, take one of the following actions.

- Push **<** ✆ **>** on the steering wheel.

- Touch [Answer].

Rejecting call from a second person:

To reject a call from the second person and continue the conversation with the first caller, touch [Decline].

During a call with a second person:

To hang up the phone and return to the conversation with the first caller, touch [Hang up].

To switch between two calls on line, touch [Switch Call].

HANDS-FREE TEXT MESSAGING ASSISTANT

WARNING

- **Use the text messaging feature after parking your vehicle in a safe location. If you have to use the feature while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.**
- **Laws in some jurisdictions may restrict the use of "Text-to-Speech". Check local regulations before using this feature.**
- **Laws in some jurisdictions may restrict the use of some of the applications and features, such as social networking and texting. Check local regulations for any requirements.**
- **If you are unable to devote full attention to vehicle operation while using the text messaging feature, pull off the road to a safe location and stop your vehicle.**

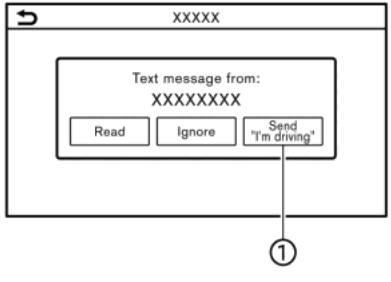
CAUTION

This feature is disabled if the connected device does not support it. See the phone's Owner's Manual for details and instructions.

The system allows for the sending and receiving of text messages through the vehicle interface.

The availability of the text message function may vary depending on the cellular phone.

Receiving a message



When the cellular phone connected to the vehicle receives a text message, a notification will appear on the touch screen display and on the vehicle information

display with a tone.

To check the message, touch [Read]. Touch [Ignore] to save the message to be checked later.

If you want to respond using a predefined message, touch the message for auto reply ①.

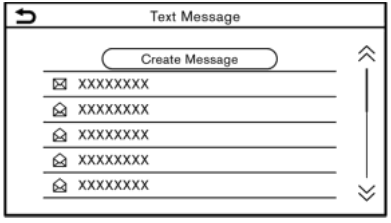
The text message for auto reply can be edited.

☞ "Phone settings" (page 4-11)

INFO:

- Replying to text messages may not be supported by all phones. Please check your phone's owner's manual for details.
- Depending on the cellular phone, the notification display setting may need to be activated on the cellular phone.
- Whether to read or ignore the message can be selected operating the switch on the steering wheel. Push **<** **>** to read the message. Push and hold **<** **>** to ignore the message.

Displaying received message list



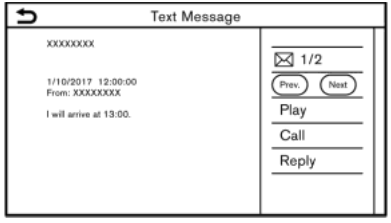
1. Touch [Phone] on the Launch Bar.
2. Touch [Text Message].
3. Touch an item on the list to read or reply to the message.

INFO:

- Up to 100 messages can be stored in the message list.
- Either of the connected phone devices can be selected for text message viewing operation when [Allow 2 Phones Simultaneously] is turned on.

☞ "Bluetooth® settings" (page 2-16)

Received message screen



Touching [Read] on the new message notification screen or selecting a message from the message list will show the details of the received message on the display.

Available actions:

- [Prev.]:
  Touch to read the previous message.
- [Next]:
  Touch to read the next message.
- [Play]/[Stop]:
  Touch [Play] to have the hands-free phone system read out the received message. Touch [Stop] to stop reading.
- [Call]:
  If the sender of the message is registered in the Phonebook, touch this icon to make a call to the sender.

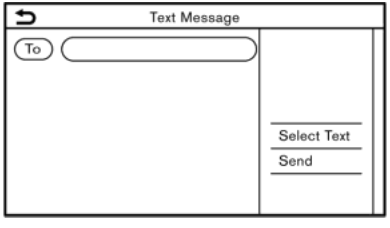
- [Reply]:
  A reply message can be selected from the template.
  ☞ "Sending a text message" (page 4-9)

INFO:

- Available keys may vary depending on the situations and models.
- If the sender's name and phone number are registered in the Phonebook, the name of the sender is displayed when a message is received.
- To adjust the message reading voice volume, push **< 🔊 >** on the steering wheel or turn **<VOL/PUSH POWER>** on the control panel.

Sending a text message

This function may not be supported depending on the cellular phone.



1. Touch [Phone] on the Launch Bar.
2. Touch [Text Message].
3. Touch [Create Message].

INFO:

Either of the connected phone devices can be selected for text message sending operation when [Allow 2 Phones Simultaneously] is turned on.
☞ "Bluetooth® settings" (page 2-16)

The following items are available.

Available item		Action
[To]	[Enter Number by Keypad]	Enter the phone number of the recipient using the keypad. Touch [OK] to confirm.
	[Quick Dial]	Select a recipient from the Quick Dial list.
	[Phonebook]	Select a recipient from the Phonebook.
	[Call History]	Select a recipient/phone number from call history.
[Select Text]	[Fixed]	Touch to display a list of fixed text messages.
	[Customized]	Touch to display a list of custom text message templates. Custom text can be created or edited from the setting menu. ☞ "Phone and text message settings" (page 4-11)
[Send]		Touch to send the message.

PHONE AND TEXT MESSAGE SETTINGS

Phone settings

Bluetooth® Hands-Free Phone System settings can be changed according to the user's preference.

1. Touch [Settings] on the Launch Bar.
2. Touch [Phone].

Available setting items may vary depending on models and specifications.

Available setting items

Setting item		Action
[Connections]		Displays the Connections screen. Phone connection, selection, deletion and other features are available. ☞ "Connections settings" (page 2-15)
[Quick Dial]	[Edit]	Entries in the Quick Dial can be edited. Touch [Add New] to register a new entry. ☞ "Quick Dial" (page 4-14)
	[Delete All]	Deletes all of the phone numbers in the Quick Dial.
[Phonebook]	[Download Entire Phonebook]	All of the phone numbers that are stored in a phonebook of a cellular phone that is connected to the vehicle are downloaded at once.
	[Auto Downloaded]	Turns on/off automatic downloading of the phonebook from the connected cellular phone.
	[Sort Phonebook by]	Changes the sorted order of contacts in the phonebook.

[Text Message]	[Text Message]	Turns the text messaging function on/off.
	[Text Message Ringtone]	Turns the incoming message sound on/off.
	[Signature]	Turns the signature setting for the outgoing text message on/off.
	[Auto Reply]	Turns on/off the automatic text message reply function.
	[Auto Reply Text Message]	Selects the text message to be used for the automatic reply function.
	[Edit Custom Text]	Creates or edits a customized text message reply.
[Notifications]	[Driver Only]	When this item is turned on, incoming call notification is displayed only in the vehicle information display.
	[Vehicle Ringtone]	Turns the vehicle ringtone on/off.
[Automatic Hold]		When this item is turned on, an incoming phone call will be put on hold automatically.

INFO:

The setting of [Driver Only] is unavailable while Apple CarPlay® or Android Auto™ is active.

Volume settings

Volume settings can be adjusted.

1. Touch [Phone] on the Launch Bar.
2. Touch [Volume].

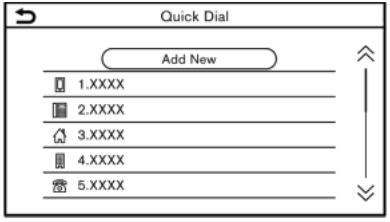
The following volume setting items are available.

Setting items	Action
[Ringtone]	Adjusts the volume level of the ringtone of incoming calls.
[Outgoing Call]	Adjusts the volume level of the outgoing calls.

INFO:

The phone volume setting menus can also be accessed from the Settings screen.
☞ "System settings" (page 2-13)

Quick Dial



Up to 20 Quick Dial entries can be registered.

Quick Dial entries can be used to quickly make a call or send text messages.

Registration:

1. Touch [Phone] on the Launch Bar.
2. Touch [Quick Dial].
3. Touch [Edit].
4. Touch [Add New] to register a phone number to the Quick Dial list.
5. Select a method for registration.

   Available methods:

   - [Copy from Call History]:

     A phone number can be selected from [All], [Incoming], [Outgoing], or [Missed] call history lists.

   - [Copy from Phonebook]:

     A phone number can be selected from the Phonebook.

   - [Enter Number by Keypad]:

     A phone number can be entered manually using keypad.

INFO:

Available methods may vary depending on cellular phone support.

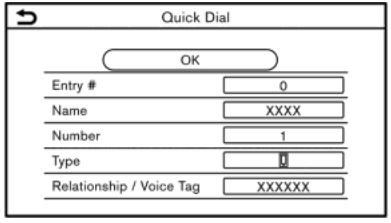
6. When a phone number has been selected, the registration screen is displayed. Enter the phone number and edit the entry information as necessary.
7. Touch [OK] to save the entry.

INFO:

- Pushing **< > (if so equipped)** on the control panel can also display the phone screen.
- Quick Dial entries can also be registered by touching [Settings] on the Launch Bar and then selecting [Phone].
  ☞ "Phone settings" (page 4-11)
- Either of the connected phone devices can be selected for dialing operation when [Allow 2 Phones Simultaneously] is turned on.
  ☞ "Bluetooth® settings" (page 2-16)

Voice Tag:

A voice tag can be recorded for each of the registered Quick Dial numbers and can be used to dial the number by speaking it.



On the Quick Dial registration screen, select [Relationship / Voice Tag].

- Select a preferred relationship from the list.
- Touch [Customize] and touch [Record] to register your original voice tag.

INFO:

- Touch [Play] to play the recorded voice tag.
- Touch [Delete] to delete the voice tag.

MEMO

5 Information

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INFORMATION MENU

The information screen sets or displays various information that is helpful for using the vehicle.
Push **<MENU>** and then touch [Info] on the Launch Bar to display the Information menu.
Available items may vary depending on models and specifications.
Items displayed on the screen may not function depending on various conditions.

Menu item	Action
[Notifications]	Displays a list of notifications. ☞ "Swipe-down notifications" (page 2-10)
[NissanConnect Services]	Displays the NissanConnect® Services menu screen. ☞ "NissanConnect® Services powered by SiriusXM® (if so equipped for U.S. and Canada)" (page 5-7) ☞ "NissanConnect® Services powered by SiriusXM® (if so equipped for Mexico)" (page 5-16)
[SXM Weather]	Displays the SiriusXM® Weather screen. ☞ "Using SiriusXM® Travel Link" (page 5-26)
[SXM Traffic]/[Premium Traffic]	Displays the Traffic Information screen. ☞ "Viewing traffic information" (page 6-23)
[SXM Sports Scores]	Displays the SiriusXM® Sports screen. ☞ "Using SiriusXM® Travel Link" (page 5-26)
[SXM Stocks]	Displays the SiriusXM® Stocks screen. ☞ "Using SiriusXM® Travel Link" (page 5-26)
[SXM Fuel Prices]	Displays the SiriusXM® Fuel Prices screen. ☞ "Using SiriusXM® Travel Link" (page 5-26)
[SXM Parking]	Displays the SiriusXM® Parking screen. ☞ "Using SiriusXM® Travel Link" (page 5-26)
[SXM Movie Listings]	Displays the SiriusXM® Movie Listings screen. ☞ "Using SiriusXM® Travel Link" (page 5-26)

Menu item		Action
[Where Am I?]		The name and distance of the next/previous street, and other information that indicates the current vehicle location are displayed. Latitude and longitude are shown on the bottom right.
[TomTom Weather]	[Current Conditions]	Current, hourly or 5-day weather information is displayed. Weather information for nearby location, near the destination and your preferred city set as a Favorite City can be confirmed. Current, hourly or 5-day weather information can be changed by touching [Current], [Hourly] or [5–Day]. Nearby location, near the destination and your preferred city can be changed by touching [Nearby], [Near Dest.] or [Favorite City]. Favorite city can be changed by touching [Change City].
	[Hourly Weather Forecast]	
	[5-Day Weather Forecast]	
	[Communication Settings]	Turns the TomTom weather data transmission on/off.
[Vehicle]	[Eco Drive Report]	Displays the Eco Drive Report. Your driving score will be displayed in real time, with 100 points designated as the score for ideal eco-driving. Touch [History] to view the Drive Report history. Touch [Reset] to clear the past records. To improve your score: ● When starting off, depress the accelerator gently. ● When cruising, accelerate and decelerate as little as possible. ● When decelerating, release the accelerator early.
[System Information]	[Version Information]	Displays the information of the Software Version, etc.
	[Software Update]	The system software can be updated. ☞ "Updating system software" (page 5-5)
	[Map Update]	The map data can be updated. ☞ "How to update map data" (page 6-44) ☞ "How to update map data" (page 6-54)
	[SXM Information]	Displays the SiriusXM® information. The signal quality, subscription status and SiriusXM® radio ID, etc. are displayed.
	[License Information]	Displays the Open Source Software (OSS) licenses information.

Menu item		Action
[GPS Position]		Displays GPS/GNSS information, such as number of satellites, latitude/longitude, and approximate altitude, etc.
[Vehicle Data Transmission]		When [OK] is touched, data transmission to NISSAN is enabled. Touching [Decline] disables the NissanConnect® Services, Premium Traffic, etc.
[Smartphone Connection]	[Apple CarPlay]	Displays the Apple CarPlay® screen. ☞ "Apple CarPlay®" (page 5-28)
	[Android Auto]	Displays the Android Auto™ screen. ☞ "Android Auto™" (page 5-32)

INFO:

A SiriusXM® Travel Link (if so equipped) or SiriusXM Traffic™ (if so equipped) subscription is necessary to receive SiriusXM® information services.

UPDATING SYSTEM SOFTWARE (if so equipped)

WARNING

TO AVOID RISK OF DEATH OR SERIOUS PERSONAL INJURY WHEN UPDATING THE SYSTEM SOFTWARE:

If you choose to park the vehicle within range of a Wi-Fi connection, park the vehicle in a secure, safe well-ventilated location that is open to the air. During the update process, if you choose to park your vehicle, it should be kept in a well ventilated area to avoid exposure to carbon monoxide. Do not breathe exhaust gases; they contain colorless and odorless carbon monoxide. Carbon monoxide is dangerous. It can cause unconsciousness or death.

1. **Apply the parking brake.**
2. **Remain with the vehicle while the update is in process.**
3. **Do not allow children, pets or people who may need assistance to remain in the vehicle while the software is updating.**

NOTE:

The vehicle is not required to be parked during the software update process. If the vehicle disconnects from the Wi-Fi connection, it will resume when the vehicle reconnects to a known Wi-Fi connection.

INFO:

- You will be charged separately when the network communication is made via smartphones.
- The download data size of software updates can vary between 80 MB and 300 MB. If you use your smartphone as a Wi-Fi connection, you may incur data charges from your phone carrier. Please connect to a secure WPA2 Wi-Fi network to avoid potential phone carrier data charges.
- The system prioritizes Wi-Fi connection (if so equipped) over TCU (Telematics Control Unit) when Wi-Fi network connection is available.

How to update from the pop-up screen

When both of the following conditions are met, the system informs the driver with a pop-up on the screen when system software update is available.

- [Auto] is selected under [Update Method].
  ☞ "How to update from the system menu" (page 5-6)
- Wi-Fi or TCU (Telematics Control Unit) (if so equipped) network connection is available.
  ☞ "Wi-Fi setting" (page 2-17)

1. When the pop-up appears and prompts the driver to perform the system software update, operate the system according to the guides shown on the screen to download the updates. Another pop-up will appear when downloading is complete.
2. After the system software update is complete, place the ignition switch in the OFF position and leave the system for 20 minutes without operating the switches on the control panel and the steering wheel. Place the ignition switch in the ON position and the updated software will be available.

INFO:

The update may not be reflected if the ignition switch is placed back in the ON position before the 20-minute period has passed.

How to update from the system menu

WARNING

To operate the system for software update, first park the vehicle in a safe location.

System software updates can be downloaded manually via Wi-Fi or TCU (Telematics Control Unit) (if so equipped) from the system menu.

1. Connect to network via Wi-Fi if you wish to perform the software update via Wi-Fi connection.
   ☞ "Wi-Fi setting" (page 2-17)
2. Push **<MENU>**.
3. Touch [Info] on the Launch Bar and then touch [System Information].
4. Touch [Software Update].
5. Touch [Start Software Update].

INFO:

When [Update Method] is set to [Auto], a notification is made in case that software can be updated.

6. To check manually for available updates, touch [Check for an Update]. A message is displayed when update availability is confirmed.
7. Touch [Download] to start downloading and updating the system software.
8. After the system software update is complete, place the ignition switch in the OFF position and leave the system for 20 minutes without operating the switches on the control panel and the steering wheel. Place the ignition switch in the ON position and the updated software will be available.

INFO:

- The update may not be reflected if the ignition switch is placed back in the ON position before the 20-minute period has passed.
- If updating software is unnecessary, touch [OK] to return to the previous screen.
- You will be charged separately when the internet communication is made via smartphones. Consult your communication companies regarding the communication fee.
- The same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Update].

NISSANCONNECT® SERVICES POWERED BY SiriusXM® (if so equipped for U.S. and Canada)

SUBSCRIPTION TO NISSANCONNECT® SERVICES

Subscription is required to use the NissanConnect® Services. For the details about the subscription, visit the Nissan Owner Portal or contact a NISSAN dealer.

NissanConnect® Services are offered by SiriusXM® or other third party vendors in accordance with the terms and conditions and the privacy policies outlined in a Subscription Agreement.

IMPORTANT INFORMATION REGARDING ACCESS TO NISSANCONNECT® SERVICES

Feature availability is dependent on vehicle model, trim level, packaging and options. Compatible connected device may be required and feature availability may be dependent on device's capability. Refer to connected device's owner's manual for details. Late availability for some features.

Driving is serious business and requires your full attention. Only use features and connected devices when safe and legal to do so. Some features, including automatic crash notification and SOS, are dependent upon the telematics device being in operative condition, its ability to connect to a wireless network, compatible wireless network availability, navigation map data and GPS satellite signal receptions, the absence of which can limit or prevent the ability to reach Customer Care or receive support. GPS mapping may not be detailed in all areas or reflect current road status. Never program GPS while driving. Only use Remote Engine Start and Remote Horn features in accordance with any laws, rules or ordinances in effect in your vehicle's location.

Some services and features are provided by independent companies not within NISSAN's control. Should service provider terminate or restrict service or features, service or features may be suspended or terminated without notice or with no liability to NISSAN or its partners or agents. Services and features may require compatible cellular network provided by independent companies not within NISSAN or its partners' or agents' control. Cellular network signal strength may vary and may not be available in all areas or at all times. Services and features may not function if cellular network is unavailable, restricted, or terminated. NISSAN and its partners or agents are not responsible for associated costs or other third party changes that may be required for continued operation due to cellular network unavailability, restriction, or termination (including equipment replacements/upgrades, if available, or roaming charges on alternative networks). Technology is evolving, and changes by independent companies are not within NISSAN's or its partners' or agents' control.

Enrollment, owner consent, personal identification number (PIN), and subscription agreement may be required to receive full suite of features and services. Trial periods (if applicable) begin on the date of vehicle purchase or lease of a new NISSAN. Trial periods may be subject to change at any time and may be subject to early termination without notice. Required subscriptions may be sold separately for each available feature or service after trial period ends, and may continue until you call service provider to cancel. Installation costs, one-time activation fee, other fees and taxes may apply. Fees and programming subject to change. Feature may be subject to age restrictions in some areas. Subscriptions governed by service provider's subscription agreement, terms and conditions and privacy statements available at service provider's website. Text

rates or data usage may apply.

The NISSAN names, logos and slogans are trademarks owned by or licensed to Nissan Motor Co., Ltd. or its North American subsidiaries. Other trademarks and trade names are those of their respective owners.

For important safety information, system limitations, and additional operating and feature information, contact a NISSAN dealer, read this manual or see the following websites.

For U.S.

www.nissanusa.com/connect

For Canada

http://www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

NISSANCONNECT® SERVICES FEATURES

NissanConnect® Services provides various types of information and services by connecting your vehicle to the NissanConnect® Services Data Center and NissanConnect® Services Response Center using the TCU (Telematics Control Unit) installed in your vehicle.

If equipped, your vehicle may include NissanConnect® connected features and services such as emergency SOS calling, Automatic Collision Notification, Wi-Fi, Remote Services, Navigation, Bluetooth® and more. For complete information about your NissanConnect® features and services, please visit www.nissanusa.com/connect/. For frequently asked questions, please visit www.nissanusa.com/connect/faq.

WARNING

- **Please note that the Automatic Collision Notification service (if so equipped) and Emergency Call function (if so equipped) cannot be used in the following conditions:**
  - **— Emergency functions and services will not be available without a paid subscription to NissanConnect® Services.**
  - **— The NissanConnect® Services network system is disabled.**
  - **— The vehicle moves outside the service area where the TCU (Telematics Control Unit) is connected to the system.**
  - **— The vehicle is outside the area where the cellular network service is receivable.**
  - **— The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.**
  - **— The line is busy.**
  - **— The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.**
  - **— It may not be possible to make an emergency call depending on the severity of a collision and/or emergency.**
- **Radio waves could adversely affect electric medical equipment. Individuals who use a pacemaker should contact the device manufacturer regarding any possible effects before using the system.**
- **The TCU (Telematics Control Unit) antenna is installed inside the upper central part of the instrument panel. An occupant should not get any closer to the antenna than specified by the pacemaker manufacturer. The radio waves from the TCU antenna may ad-**

versely affect the operation of the pacemaker while using the NissanConnect® Services.

INFO:

- NissanConnect® Services features are dependent upon subscription enrollment and the telematics device being in operative condition, cellular connectivity, navigation map data and GPS satellite signal reception. Terms and conditions of the NissanConnect® Services Subscription Agreement apply.
- Enrollment is required in order to use NissanConnect® Services. The services that can be received vary depending on the plan in which you are enrolled.
- All services are complimentary for the trial period.
- After the trial period, use of the service will no longer be complimentary.
- Laws in some jurisdictions may restrict the use of "Text-to-Speech." Check local regulations before using this feature.

If equipped, your vehicle may include NissanConnect® Services features such as emergency SOS calling (if so equipped), Automatic Collision Notification (if so equipped), Wi-Fi, Remote Services, Navigation, Bluetooth® and more. NissanConnect® Services may be updated. The latest detailed information is available on the following websites or from the support line.

NissanConnect® Services website:

For U.S.

www.nissanusa.com/connect

For Canada

http://www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

NissanConnect® Customer Support Line:

1-855-426-6628

- **Automatic Collision Notification (if so equipped):**
  The TCU (Telematics Control Unit) generates a signal automatically to the NissanConnect® Services Response Center in the case of an accident severe enough to trigger one of the vehicle's air bags. Upon the signal, a Response Specialist receives the vehicle location and customer information and notifies the proper authorities in accordance with established policies and procedures.
- **Emergency Call (if so equipped):**
  The Emergency Call feature provides emergency assistance by connecting to a Response Specialist. In the event of an emergency, by push the in-vehicle **<SOS>** button to use this feature. The Response Specialist provides various assistance depending on the situation
  ☞ "Emergency support" (page 5-13)
- **Roadside Assistance (if so equipped):**
  Roadside Assistance allows you to receive assistance from the Roadside Response Specialist for a non-emergency incident that requires a towing or third-party response service. The service is accessed by pushing the in-vehicle **<SOS>** button. Roadside Assistance may also be used in conjunction with the Emergency Assistance service, if warranted.
  ☞ "Emergency support" (page 5-13)

Notice to Bluetooth® Hands-Free Phone users

The Bluetooth® Hands-Free Phone System will be disabled and not be able to take phone calls while the vehicle is

connected to the NissanConnect® Services Response Specialists or the emergency support staff at the NISSAN Response Center.

This is to avoid NissanConnect® Services Response Specialists and NissanConnect® Services emergency support staff from being interrupted by incoming calls. Incoming phone calls received while the vehicle is connected to the Service Center will not be listed in the call history of the Bluetooth® Hands-Free Phone System. However those incoming calls may be listed in the call history of your mobile phone, depending on its capabilities. After disconnecting communication with the NissanConnect® Services Response Specialist or NissanConnect® Services emergency support staff, check the incoming call history on your mobile phone when it is safe to do so.

Service application

A separately purchased NissanConnect® Services subscription is required. For detailed information, contact a NISSAN dealer or refer to the following NissanConnect® Services website:

For U.S.

www.nissanusa.com/connect

For Canada

http://www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

INFO:

If the vehicle is owned by another person and is resold, the subscription for this service must be canceled and all data stored on the device must be deleted.

Operating tips

WARNING

- **Use the NissanConnect® Services after stopping your vehicle in a safe location. If you have to use the NissanConnect® Services while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.**
- **If you are unable to devote full attention to vehicle operation while talking with the NissanConnect® Services, pull off the road to a safe location and stop your vehicle.**

- Do not use the NissanConnect® Services with the engine stopped. Doing so may discharge the vehicle battery.
- The NissanConnect® Services cannot be used under the following conditions:
  - The NissanConnect® Services subscription has expired.
  - The vehicle is outside the area where the cellular network service is receivable.
  - The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.
  - The line is busy.
  - The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.
  - The NissanConnect® Services network system is disabled.
- Communication with the NissanConnect® Services Data Center is related to the data communication mode and may cause occasional difficulty in receiving signals, and the signal receivable area may be limited compared to regular mobile phones.
- You may hear clicks or experience interruptions while speaking with the NissanConnect® Services Response

Specialists. This is due to a shift in the connection zone and is not a malfunction.

- Depending on the line used, the sound volume may decrease. Adjust the volume as necessary.
- Received sounds may be distorted or ambient noise may sound like voices of a crowd. This is due to the use of the digital line and is not a malfunction.
- You may hear your own voice from the speaker when talking with the NissanConnect® Services Response Specialists due to a network disturbance. When this occurs, reconnect the line after a few minutes or at a different location.
- This vehicle incorporates a communication device that is called a TCU (Telematics Control Unit). The communication connection between this unit and the NissanConnect® Services Data Center allows for various services. When the system connects to the NissanConnect® Services Data Center, an antenna icon will appear on the screen. Use the service in a location where the symbol representing good signal reception appears on the screen.

: When the signal reception is good

: When the signal reception is bad

- The NissanConnect® Services use the TCU (Telematics Control Unit) for communications. Even if the signal strength bar of the in-vehicle data communication module indicates good reception, connection to the NissanConnect® Services Data Center may be disabled. This does not indicate a malfunction. Operate the system again after a few minutes.

NISSANCONNECT® SERVICES MENUS

With NissanConnect® Services, various information can be received and displayed on the screen. The information can also be announced by the system.

1. Push **<MENU>** and then touch [Info].
2. Touch [NissanConnect Services].
3. Select an item from the NissanConnect® Services menu screens.

Available items may vary depending on models and specifications. Items displayed on the screen may not function depending on various conditions.

Available items	Content
[Call Nissan Assistance]	The system connects to the NissanConnect® Services center. Various services to support your driving are available by answering the Interactive Voice Menu. ☞ "Connecting to Interactive Voice Menu" (page 5-12)
[History]	Accesses the messages sent to the vehicle from the NissanConnect® Services Data Center. ☞ "History" (page 5-12)
[NissanConnect Services Settings]	NissanConnect® Services settings can be changed. ☞ "NissanConnect® Services settings" (page 5-15)

Connecting to Interactive Voice Menu

Various services to support your driving are available by using the Interactive Voice Menu. For more details, refer to the NissanConnect® Services website or contact the NissanConnect® Customer Support Line.

NissanConnect® Services website:

For U.S.

www.nissanusa.com/connect

For Canada

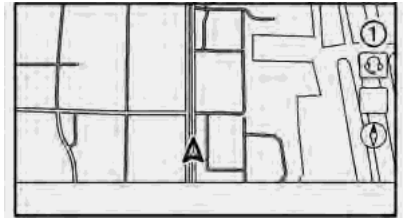
http://www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

NissanConnect® Customer Support Line:

1-855-426-6628

1. Push **<MENU>** and touch [Info] on the Launch Bar.
2. Touch [NissanConnect Services].
3. Touch [Call Nissan Assistance].
4. The system connects to the NissanConnect® Services center and menu options will be announced. Speak your preferred option.



INFO:

- You can also connect to the NissanConnect® Services Interactive Voice Menu by touching [ ] ① on the map.
- After selecting [Call Nissan Assistance], it may take some time until the system initiates connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- To avoid disconnecting the line, do not turn off the engine.

History

Messages received from the NissanConnect® Services Data Center are displayed.

1. Push **<MENU>** and then touch [Info].
2. Touch [NissanConnect Services].
3. Touch [History].
4. A message list is displayed. Touch preferred message from the list.

INFO:

- Touch [Stop] during communication with the NissanConnect® Services Data Center to cancel the connection.
- A message is displayed when the communication is disconnected while downloading information due to a poor communication status. Select [Yes] to restart the download.
- Laws in some jurisdictions may restrict the use of "Text-to-Speech". Check local regulations before using this feature.
- Some terminology such as personal names, place names, special terms, symbols, etc. may not be announced correctly. This is not a malfunction.
- The system will pause announcements when interrupted by the voice guidance given by the navigation system (if so equipped). When the voice guidance finishes, the system will restart the announcement.

- When the system is making announcements, the volume can be adjusted by turning **<VOL/PUSH POWER>**.
- The selected content is read out while the vehicle is being driven, or if parked, you can read the content on the display.
- Content settings can be made using the NissanConnect® Services website.

  For more details, refer to the NissanConnect® Services website or contact the NissanConnect® Customer Support Line.

  NissanConnect® Services website:

  For U.S.

  www.nissanusa.com/connect

  For Canada

  http://www.nissan.ca/nissanconnect (English)

  www.nissan.ca/nissanconnect/fr (French)

  NissanConnect® Customer Support Line:

  1-855-426-6628

EMERGENCY SUPPORT

NissanConnect® Services provides various services to support dealing with emergencies of the subscribed vehicle and the driver.

For example, in case of an illness or serious injury, you can seek support by pushing the in-vehicle **<SOS>** button and connecting to the NissanConnect® Services Response Center. The NissanConnect® Services Response Center can specify the location of the vehicle via GPS, and the information will be sent to the police or other agencies as needed.

For information about other NissanConnect® Services emergency support related services, refer to the NissanConnect® Services website or contact the NissanConnect® Customer Support Line.

NissanConnect® Services website:

For U.S.

www.nissanusa.com/connect

For Canada

http://www.nissan.ca/nissanconnect (English)

www.nissan.ca/nissanconnect/fr (French)

NissanConnect® Customer Support Line:

1-855-426-6628

WARNING

- **Please note that the Automatic Collision Notification service (if so equipped) and Emergency Call function cannot be used in the following conditions:**
  - **Emergency functions and services will not be available without a paid subscription to NissanConnect® Services.**
  - **The NissanConnect® Services network system is disabled.**
  - **The vehicle moves outside the service area where the TCU (Telematics Control Unit) is connected to the system.**
  - **The vehicle is outside the area where the cellular network service is receivable.**
  - **The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.**

— The line is busy.

— The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.

— It may not be possible to make an emergency call depending on the severity of a collision and/or emergency.

- **Park the vehicle in a safe location and set the parking brake before operating <SOS>.**
- **Only use this service in case of an emergency. There may be a penalty for inappropriate use of the service.**
- **Radio waves could adversely affect electric medical equipment. Individuals who use a pacemaker should contact the device manufacturer regarding any possible effects before using the system.**
- **The TCU (Telematics Control Unit) antenna is installed inside the upper central part of the instrument panel. An occupant should not get any closer to the antenna than specified by the pacemaker manufacturer. The radio waves from the TCU antenna may adversely affect the operation of the pacemaker while using the NissanConnect® Services.**

Making an emergency call

The **<SOS>** is located near the map light.

1. Push **<SOS>**.
2. When the line is connected, speak to the Response Specialist.

If you want to cancel the emergency call, push and hold **<SOS>** for a few seconds.

INFO:

- After **<SOS>** is pushed, it may take some time until the system initiates connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- An indicator light on **<SOS>** shows the readiness of the emergency support system. If the indicator light is not illuminated, pushing **<SOS>** does not connect your vehicle to the Response Specialist.

  The indicator light blinks while connected to the NissanConnect® Services Response Center.
- Even when the indicator light is illuminated, connection to the NissanConnect® Services Response Center may not be possible. If this occurs in an emergency situation, contact the authorities by other means.
- To avoid disconnecting the line, do not turn off the engine.

NISSANCONNECT® SERVICES SETTINGS

The NissanConnect® Services setting can be changed. Available menus may vary depending on models and specifications. Menus displayed on the screen may not function depending on various conditions.

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar.
3. Touch [NissanConnect Services].
4. Touch [NissanConnect Services Settings].

INFO:

[NissanConnect Services Settings] can also be accessed from [NissanConnect Services] on the settings screen.
☞ "Settings menu" (page 2-13)

Menu		**Action**
[Delete All Information Feed History]		Deletes contents of information feeds.
[Vehicle Data Sharing]	[Share Vehicle Information]	Turns the vehicle information sharing function on/off.
	[Delete Shared Vehicle Data]	Deletes the shared vehicle information.
[Unit ID Information]		Displays the Unit ID, TCU (Telematics Control Unit) ID, SIM ID and VIN Information necessary for user registration.
[Reset all NissanConnect Svcs. Settings to Default]		All NissanConnect® Services settings are returned to default.
[Vehicle Data Transmission Setting]		When [OK] is touched, data transmission to the NissanConnect® Services Data Center is enabled. Touch [Decline] to disable the NissanConnect® Services, Premium Traffic, etc.

NISSANCONNECT® SERVICES POWERED BY SiriusXM® (if so equipped for Mexico)

SUBSCRIPTION TO NISSANCONNECT® SERVICES

Subscription is required to use the NissanConnect® Services. For the details about the subscription, visit the Nissan Owner Portal or contact a Nissan Mexicana dealer.

NissanConnect® Services are offered by SiriusXM® or other third party vendors in accordance with the terms and conditions and the privacy policies outlined in a Subscription Agreement.

IMPORTANT INFORMATION REGARDING ACCESS TO NISSANCONNECT® SERVICES

Feature availability is dependent on vehicle model, trim level, packaging and options. Compatible connected device may be required and feature availability may be dependent on device's capability. Refer to connected device's owner's manual for details. Late availability for some features.

Driving is serious business and requires your full attention. Only use features and connected devices when safe and legal to do so. Some features, including automatic crash notification and SOS, are dependent upon the telematics device being in operative condition, its ability to connect to a wireless network, compatible wireless network availability, navigation map data and GNSS signal receptions, the absence of which can limit or prevent the ability to reach Customer Care or receive support. GNSS mapping may not be detailed in all areas or reflect current road status. Never program GNSS while driving. Only use Remote Engine Start and Remote Horn features in accordance with any laws, rules or ordinances in effect in your vehicle's location.

Some services and features are provided by independent companies not within NISSAN's control. Should service provider terminate or restrict service or features, service or features may be suspended or terminated without notice or with no liability to NISSAN or its partners or agents. Services and features may require compatible cellular network provided by independent companies not within NISSAN or its partners' or agents' control. Cellular network signal strength may vary and may not be available in all areas or at all times. Services and features may not function if cellular network is unavailable, restricted, or terminated. NISSAN and its partners or agents are not responsible for associated costs or other third party changes that may be required for continued operation due to cellular network unavailability, restriction, or termination (including equipment replacements/upgrades, if available, or roaming charges on alternative networks). Technology is evolving, and changes by independent companies are not within NISSAN's or its partners' or agents' control.

Enrollment, owner consent, personal identification number (PIN), and subscription agreement may be required to receive full suite of features and services. Trial periods (if applicable) begin on the date of vehicle purchase or lease of a new NISSAN. Trial periods may be subject to change at any time and may be subject to early termination without notice. Required subscriptions may be sold separately for each available feature or service after trial period ends, and may continue until you call service provider to cancel. Installation costs, one-time activation fee, other fees and taxes may apply. Fees and programming subject to change. Feature may be subject to age restrictions in some areas. Subscriptions governed by service provider's subscription agreement, terms and conditions and privacy statements avail-

able at service provider's website.

NISSANCONNECT® SERVICES FEATURES

NissanConnect® Services provides various types of information and services by connecting your vehicle to the NissanConnect® Services Data Center and NissanConnect® Services Response Center using the TCU (Telematics Control Unit) installed in your vehicle.

If equipped, your vehicle may include NissanConnect® connected features and services such as emergency SOS calling, Automatic Collision Notification, Wi-Fi, Remote Services, Navigation, Bluetooth® and more. For complete information about your NissanConnect® features and services, please visit www.nissan.com.mx/connect.

WARNING

- **Please note that the Automatic Collision Notification service (if so equipped) and Emergency Call function (if so equipped) cannot be used in the following conditions:**
  - **Emergency functions and services will not be available without a paid subscription to NissanConnect® Services.**
  - **The NissanConnect® Services network system is disabled.**
  - **The vehicle moves outside the service area where the TCU (Telematics Control Unit) is connected to the system.**
  - **The vehicle is outside the area where the cellular network service is receivable.**
  - **The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.**
  - **The line is busy.**
  - **The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.**
  - **It may not be possible to make an emergency call depending on the severity of a collision and/or emergency.**
- **Radio waves could adversely affect electric medical equipment. Individuals who use a pacemaker should contact the device manufacturer regarding any possible effects before using the system.**
- **The TCU (Telematics Control Unit) antenna is installed inside the upper central part of the instrument panel. An occupant should not get any closer to the antenna than specified by the pacemaker manufacturer. The radio waves from the TCU antenna may adversely affect the operation of the pacemaker while using the NissanConnect® Services.**

INFO:

- NissanConnect® Services features are dependent upon subscription enrollment and the telematics device being in operative condition, cellular connectivity, navigation map data and GNSS signal reception. Terms and conditions of the NissanConnect® Services Subscription Agreement apply.
- Enrollment is required in order to use NissanConnect® Services. The services that can be received vary depending on the plan in which you are enrolled.
- All services are complimentary for the trial period.

- After the trial period, use of the service will no longer be complimentary.
- Laws in some jurisdictions may restrict the use of "Text-to-Speech." Check local regulations before using this feature.

If equipped, your vehicle may include NissanConnect® Services features such as emergency SOS calling (if so equipped), Automatic Collision Notification (if so equipped), Wi-Fi, Remote Services, Navigation, Bluetooth® and more. NissanConnect® Services may be updated. The latest detailed information is available on the following website or from the support line.

NissanConnect® Services website:

www.nissan.com.mx/connect

NissanConnect® customer support line:

01-800 9647726

- **Automatic Collision Notification (if so equipped):**
  The TCU (Telematics Control Unit) generates a signal automatically to the NissanConnect® Services Response Center in the case of an accident severe enough to trigger one of the vehicle's air bags. Upon the signal, a Response Specialist receives the vehicle location and customer information and notifies the proper authorities in accordance with established policies and procedures.
- **Emergency Call (if so equipped):**
  The Emergency Call feature provides emergency assistance by connecting to a Response Specialist. In the event of an emergency, by push the in-vehicle **<SOS>** button to use this feature. The Response Specialist provides various assistance depending on the situation
  ☞ "Emergency support" (page 5-21)
- **Roadside Assistance (if so equipped):**
  Roadside Assistance allows you to receive assistance from the Roadside Response Specialist for a non-emergency incident that requires a towing or third-party response service. The service is accessed by pushing the in-vehicle **<SOS>** button. Roadside Assistance may also be used in conjunction with the Emergency Assistance service, if warranted.
  ☞ "Emergency support" (page 5-21)

Notice to Bluetooth® Hands-Free Phone users

The Bluetooth® Hands-Free Phone System will be disabled and not be able to take phone calls while the vehicle is connected to the NissanConnect® Services Response Specialists or the emergency support staff at the NISSAN Response Center.

This is to avoid NissanConnect® Services Response Specialists and NissanConnect® Services emergency support staff from being interrupted by incoming calls. Incoming phone calls received while the vehicle is connected to the Service Center will not be listed in the call history of the Bluetooth® Hands-Free Phone System. However those incoming calls may be listed in the call history of your mobile phone, depending on its capabilities. After disconnecting communication with the NissanConnect® Services Response Specialist or NissanConnect® Services emergency support staff, check the incoming call history on your mobile phone when it is safe to do so.

Service application

A separately purchased NissanConnect® Services subscription is required. For detailed information, contact a NISSAN dealer or refer to the following NissanConnect® Services website:

www.nissan.com.mx/connect

INFO:

If the vehicle is owned by another person and is resold, the subscription for this service must be canceled and all data stored on the device must be deleted.

Operating tips

WARNING

- **Use the NissanConnect® Services after stopping your vehicle in a safe location. If you have to use the NissanConnect® Services while driving, exercise extreme caution at all times so full attention may be given to vehicle operation.**
- **If you are unable to devote full attention to vehicle operation while talking with the NissanConnect® Services, pull off the road to a safe location and stop your vehicle.**

- Do not use the NissanConnect® Services with the engine stopped. Doing so may discharge the vehicle battery.
- The NissanConnect® Services cannot be used under the following conditions:
  - The NissanConnect® Services subscription has expired.
  - The vehicle is outside the area where the cellular network service is receivable.
  - The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.
  - The line is busy.
  - The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.
  - The NissanConnect® Services network system is disabled.
- Communication with the NissanConnect® Services Data Center is related to the data communication mode and may cause occasional difficulty in receiving signals, and the signal receivable area may be limited compared to regular mobile phones.
- You may hear clicks or experience interruptions while speaking with the NissanConnect® Services Response Specialists. This is due to a shift in the connection zone and is not a malfunction.
- Depending on the line used, the sound volume may decrease. Adjust the volume as necessary.
- Received sounds may be distorted or ambient noise may sound like voices of a crowd. This is due to the use of the digital line and is not a malfunction.
- You may hear your own voice from the speaker when talking with the NissanConnect® Services Response Specialists due to a network disturbance. When this occurs, reconnect the line after a few minutes or at a different location.
- This vehicle incorporates a communication device that is called a TCU (Telematics Control Unit). The communication connection between this unit and the NissanConnect® Services Data Center allows for various services. When the system connects to the NissanConnect® Services Data Center, an antenna icon will appear on the screen. Use the service in a location where the symbol representing good signal reception appears on the screen.
  : When the signal reception is good
  : When the signal reception is bad

- The NissanConnect® Services use the TCU (Telematics Control Unit) for communications. Even if the signal strength bar of the in-vehicle data communication module indicates good reception, connection to the NissanConnect® Services Data Center may be disabled. This does not indicate a malfunction. Operate the system again after a few minutes.

NISSANCONNECT® SERVICES MENUS

With NissanConnect® Services, various information can be received and displayed on the screen. The information can also be announced by the system.

1. Push **<MENU>** and then touch [Info].
2. Touch [NissanConnect Services].
3. Select an item from the NissanConnect® Services menu screens.

Available items may vary depending on models and specifications. Items displayed on the screen may not function depending on various conditions.

Available items	Content
[Call Nissan Assistance]	The system connects to the NissanConnect® Services center. Various services to support your driving are available by answering the Interactive Voice Menu. ☞ "Connecting to Interactive Voice Menu" (page 5-20)
[History]	Accesses the messages sent to the vehicle from the NissanConnect® Services Data Center. ☞ "History" (page 5-21)
[NissanConnect Services Settings]	NissanConnect® Services settings can be changed. ☞ "NissanConnect® Services settings" (page 5-24)

Connecting to Interactive Voice Menu

Various services to support your driving are available by using the Interactive Voice Menu. For more details, refer to the NissanConnect® Services website or contact the NissanConnect® customer support line.

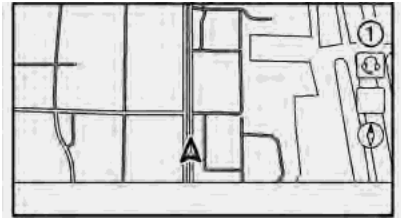
NissanConnect® Services website:

www.nissan.com.mx/connect

NissanConnect® customer support line:

01-800 9647726

1. Push **<MENU>** and touch [Info] on the Launch Bar.
2. Touch [NissanConnect Services].
3. Touch [Call Nissan Assistance].
4. The system connects to the NissanConnect® Services center and menu options will be announced. Speak your preferred option.



INFO:

- You can also connect to the NissanConnect® Services Interactive Voice Menu by touching [ ] ① on the map.
- After selecting [Call Nissan Assistance], it may take some time until the system initiates connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- To avoid disconnecting the line, do not turn off the engine.

History

Messages received from the NissanConnect® Services Data Center are displayed.

1. Push **<MENU>** and then touch [Info].
2. Touch [NissanConnect Services].
3. Touch [History].
4. A message list is displayed. Touch preferred message from the list.

INFO:

- Touch [Stop] during communication with the NissanConnect® Services Data Center to cancel the connection.
- A message is displayed when the communication is disconnected while downloading information due to a poor communication status. Select [Yes] to restart the download.
- Laws in some jurisdictions may restrict the use of "Text-to-Speech". Check local regulations before using this feature.
- Some terminology such as personal names, place names, special terms, symbols, etc. may not be announced correctly. This is not a malfunction.
- The system will pause announcements when interrupted by the voice guidance given by the navigation system (if so equipped). When the voice guidance finishes, the system will restart the announcement.
- When the system is making announcements, the volume can be adjusted by turning **<VOL/PUSH POWER>**.
- The selected content is read out while the vehicle is being driven, or if parked, you can read the content on the display.
- Content settings can be made using the NissanConnect® Services website.

  For more details, refer to the NissanConnect® Services website or contact the NissanConnect® customer support line.

  NissanConnect® Services website:

  www.nissan.com.mx/connect

  NissanConnect® customer support line:

  01-800 9647726

EMERGENCY SUPPORT

NissanConnect® Services provides various services to support dealing with emergencies of the subscribed vehicle and the driver.

For example, in case of an illness or serious injury, you can seek support by pushing the in-vehicle **<SOS>** button and connecting to the NissanConnect® Services Response Center. The

NissanConnect® Services Response Center can specify the location of the vehicle via GNSS, and the information will be sent to the police or other agencies as needed.

For information about other NissanConnect® Services emergency support related services, refer to the NissanConnect® Services website or contact the NissanConnect® customer support line.

NissanConnect® Services website:

www.nissan.com.mx/connect

NissanConnect® customer support line:

01-800 9647726

WARNING

- **Please note that the Automatic Collision Notification service (if so equipped) and Emergency Call function cannot be used in the following conditions:**
  - **— Emergency functions and services will not be available without a paid subscription to NissanConnect® Services.**
  - **— The NissanConnect® Services network system is disabled.**
  - **— The vehicle moves outside the service area where the TCU (Telematics Control Unit) is connected to the system.**
  - **— The vehicle is outside the area where the cellular network service is receivable.**
  - **— The vehicle is in a location with poor signal reception such as tunnels, underground parking garages, behind buildings or in mountainous areas.**
  - **— The line is busy.**
  - **— The TCU (Telematics Control Unit) or other systems of your vehicle are not working properly.**
  - **— It may not be possible to make an emergency call depending on the severity of a collision and/or emergency.**
- **Park the vehicle in a safe location and set the parking brake before operating <SOS>.**
- **Only use this service in case of an emergency. There may be a penalty for inappropriate use of the service.**
- **Radio waves could adversely affect electric medical equipment. Individuals who use a pacemaker should contact the device manufacturer regarding any possible effects before using the system.**
- **The TCU (Telematics Control Unit) antenna is installed inside the upper central part of the instrument panel. An occupant should not get any closer to the antenna than specified by the pacemaker manufacturer. The radio waves from the TCU antenna may adversely affect the operation of the pacemaker while using the NissanConnect® Services.**

Making an emergency call

The **<SOS>** is located near the map light.

1. Push **<SOS>**.
2. When the line is connected, speak to the Response Specialist.

If you want to cancel the emergency call, push and hold **<SOS>** for a few seconds.

INFO:

- After **<SOS>** is pushed, it may take some time until the system initiates connection, depending on the technical environment and whether the TCU (Telematics Control Unit) is being used by other services.
- An indicator light on **<SOS>** shows the readiness of the emergency support system. If the indicator light is not illuminated, pushing **<SOS>** does not connect your vehicle to the Response Specialist.

  The indicator light blinks while connected to the NissanConnect® Services Response Center.
- Even when the indicator light is illuminated, connection to the NissanConnect® Services Response Center may not be possible. If this occurs in an emergency situation, contact the authorities by other means.
- To avoid disconnecting the line, do not turn off the engine.

NISSANCONNECT® SERVICES SETTINGS

The NissanConnect® Services setting can be changed. Available menus may vary depending on models and specifications. Menus displayed on the screen may not function depending on various conditions.

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar.
3. Touch [NissanConnect Services].
4. Touch [NissanConnect Services Settings].

INFO:

[NissanConnect Services Settings] can also be accessed from [NissanConnect Services] on the settings screen.
☞ "Settings menu" (page 2-13)

Menu		Action
[Delete All Information Feed History]		Deletes contents of information feeds.
[Vehicle Data Sharing]	[Share Vehicle Information]	Turns the vehicle information sharing function on/off.
	[Delete Shared Vehicle Data]	Deletes the shared vehicle information.
[Unit ID Information]		Displays the Unit ID, TCU (Telematics Control Unit) ID, SIM ID and VIN Information necessary for user registration.
[Reset all NissanConnect Svcs. Settings to Default]		All NissanConnect® Services settings are returned to default.
[Vehicle Data Transmission Setting]		When [OK] is touched, data transmission to the NissanConnect® Services Data Center is enabled. Touch [Decline] to disable the NissanConnect® Services, Premium Traffic, etc.

SiriusXM® TRAVEL LINK (if so equipped)

This service provides real-time information regarding current weather, fuel prices, parking information, sports scores, movie times and stock tickers.

It is necessary to subscribe to use the SiriusXM® Travel Link information.

The SiriusXM® Travel Link is broadcast to the vehicle by SiriusXM® Satellite Radio.

WARNING

SiriusXM® Travel Link information is not a substitute for attentive driving. Weather conditions change constantly and emergency situations can arise without warning. Relying only on SiriusXM® Travel Link information could result in serious personal injury.

VIEWING SiriusXM® TRAVEL LINK

SiriusXM® Satellite Radio and SiriusXM® Travel Link subscriptions are sold separately or as a package, and are continuous until you call SiriusXM® to cancel. See SiriusXM® Customer Agreement for complete terms at www.siriusxm.com (for U.S.) or www.siriusxm.ca (for Canada). SiriusXM® Travel Link is available in select markets.

For more information, refer to the SiriusXM® website or call Listener Care.

SiriusXM® website:

For U.S.

www.siriusxm.com/travellink

For Canada

http://www.siriusxm.ca/siriusxm-traffic-services/ (English)

http://www.siriusxm.ca/fr/services-siriusxm-traffic/ (French)

Listener Care:

For U.S.

1-877-447-0011

For Canada

1-877-438-9677

INFO:

- If a subscription is not active for SiriusXM® Travel Link, a message appears on the display and information will not be available.
- SiriusXM® Travel Link information (such as Weather, Fuel, Parking, etc.) is available only for areas that the SiriusXM® provides this information.
- Not all vehicles or devices are capable of receiving all services offered by SiriusXM®. Data displays and individual product availability vary by vehicle hardware. Current information and features may not be available in all locations, or on all receivers. SiriusXM® is not responsible for any errors or inaccuracies in the data services or their use in the vehicle.

USING SiriusXM® TRAVEL LINK

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar to display the SiriusXM® Travel Link menus.

Menu item		**Result**
[SXM Weather]	[Current Conditions]	Current, hourly or 5-day weather information is displayed. Weather information for nearby location, near the destination and your preferred city set as a Favorite City can be confirmed. Favorite city can be changed by touching [Change City].
	[Hourly Weather Forecast]	
	[5-Day Forecast]	
	[Graphical Map]	The weather forecast can be checked on the map. The detailed information is displayed by touching weather icons. Touch [Legend] to confirm the meaning of the color displayed, and touch [Filter] to select a type of the weather information.
	[Weather Alerts]	Displays the list of weather alerts. The detailed information is displayed by touching the weather alert. Touch [Voice Alert Settings] to select the information you wish to get alerts for and to set voice announcement on or off.
	[Alert Map]	The weather alerts can be confirmed on the map. The detailed information is displayed by touching the weather icon. Touch [Legend] to confirm the weather alerts displayed.
[SXM Traffic]/[Premium Traffic] (if so equipped)		Displays the Traffic Information screen. ☞ "Viewing traffic information" (page 6-23)
[SXM Sports Scores]		Various sports and individual teams can be followed. Touch [Sports] and select from the list to display information such as news, scores or upcoming games.
[SXM Stocks]		Stock information can be checked. Touching [Add Stock] will also allow adding a favorite stock. Once a stock is added, it's price and trend can be viewed. Red indicates the stock is down and green indicates the stock is up. Touch [Delete Stock] to delete the saved stocks. Up to 20 stocks can be saved. Only supported stocks can be added.

Menu item		Result
[SXM Fuel Prices]		Displays a list of the nearby gas stations for the current location or destination. Touch a listed gas station for the detailed information. Touch [Save] to register in a favorite, and the list is displayed by touching [Favorite]. Touch [Go Here] to set as a destination. Touch [Delete] to delete the favorite.
[SXM Parking]		Displays a list of the nearby parking areas for the current location or destination. Touch a listed parking area for the detailed information. Touch [Save] to register in a favorite, and the list is displayed by touching [Favorite]. Touch [Go Here] to set as a destination. Touch [Delete] to delete the favorite.
[SXM Movie Listings]	[Favorite Theaters]	Displays a list of favorite theaters. Select the theater for detailed information. Touch [Go Here] to set as a destination. Touch [Movies] on the list to display a list of movies that are playing at the theater. When touching a movie on the list, detailed information of the movie can be checked.
	[Nearby Theaters]	Displays a list of nearby theaters. Select the theater for detailed information. Touch [Go Here] to set as a destination. Touch [Save] to set the theater as a favorite theater which can be listed in the Favorite Theaters. Touch [Movies] on the list to display a list of movies that are playing at the theater. When touching a movie on the list, detailed information of the movie can be checked.
	[Current Movies]	Displays a list of movies that are currently playing. Touch a movie from the list to display detailed information. Touch [Theaters] to display the nearby theaters that are playing the selected movie. Select the theater from the list and touch [Go Here] to set as a destination. Touch save as a favorite. Touch [Movies] on the theater list to check the movies that is playing at the theater.
	[Search for a Theater]	Search for a theater or movie by inputting the name of the theater or movie.
	[Search for a Movie]	

Apple CarPlay®

WARNING

- **Stop your vehicle in a safe location and apply the parking brake before connecting your iPhone® to the vehicle or operating your connected iPhone® for setup.**
- **If you are unable to devote full attention to vehicle operation while using Apple CarPlay®, pull off the road to a safe location and stop your vehicle.**

You can use Apple CarPlay® by connecting a compatible iPhone® to your vehicle via a USB cable or wirelessly (if so equipped).

With Apple CarPlay®, your in-vehicle system can be used as a display and a controller for some of the iPhone® functions. Apple CarPlay® features Siri® which enables operations via voice controls. Visit Apple.com for information about the functions that are available and details about Apple's privacy policy.

Certain vehicle information (e.g. location and speed) may be shared with your device while Apple CarPlay® is in use. Carrier charges may apply to use Apple CarPlay®.

COMPATIBILITY

Refer to the Apple website for compatible devices.

INFO:

- For best results, always update your device to the latest software version.
- Apple CarPlay® will take the place of your Bluetooth® audio and Bluetooth® Hands-Free Phone functionality.
- Phone menu and access to the connected phone through Voice Recognition System will be disabled while Apple CarPlay® is connected. To access your phone, use the Siri® function or select the phone icon in the Apple CarPlay® top menu screen.
- When setting a route on the navigation system (if so equipped), if you set a destination with Apple CarPlay®, the route setting of the navigation system will be cancelled.

CONNECTING iPhone®

This system supports wireless Apple CarPlay® (if so equipped). To connect Apple CarPlay® wirelessly, the Bluetooth® and Wi-Fi network must be available with the in-vehicle system before operation.

☞ "Setting devices" (page 2-15)
☞ "Wi-Fi setting" (page 2-17)

INFO:

Depending on the device and firmware version of the iPhone®, wireless Apple CarPlay® (if so equipped) cannot be used. Always update your device to the latest software version.

Connecting with the USB cable

INFO:

To connect your iPhone® with the in-vehicle system, it is recommended to use the Apple Lightning™ cable (Mfi certified) that was provided with your iPhone®.

1. Connect the iPhone® to the USB connection port.
   ☞ "USB (Universal Serial Bus) connection ports" (page 2-7)
2. Depending on the setting, a Startup Information screen will appear. Touch [Yes] to use Apple CarPlay®.

3. Apple CarPlay® starts and the Apple CarPlay® screen will appear.
4. If a notification appears on the iPhone®, select whether or not to use the wireless connection. Once you enable wireless Apple CarPlay® (if so equipped) on the notification, Apple CarPlay® will automatically start wirelessly from next time.

Connecting wirelessly (if so equipped)

1. Connect the iPhone® to the in-vehicle system via Bluetooth®.
☞ "Setting devices" (page 2-15)

INFO:

If no Bluetooth® device is connected and Apple CarPlay® or Android Auto™ is not active, pushing and holding **<** **>** on the steering wheel can display the Connections screen.

2. Depending on the setting, a Startup Information screen will appear. Touch [Yes] to use Apple CarPlay®.
3. A notification will appear on the iPhone®. Select to use the wireless connection.

INFO:

If you select not to use the wireless connection, the iPhone® will be connected as a Bluetooth® device.

4. Wireless Apple CarPlay® will start and the Apple CarPlay® screen will appear.

INFO:

If the Wi-Fi connection is off on the Wi-Fi setting screen, a notification will appear. Touch [Yes] to use wireless Apple CarPlay®.
☞ "Wi-Fi setting" (page 2-17)

Operating tips

- If you do not wish to display the Startup Information screen each time you activate Apple CarPlay®, turn on [Don't Ask Anymore] on the Startup Information screen. The Startup Information screen will not be displayed from the next Apple CarPlay® activation. The Startup Information screen can be set to appear again in the Apple CarPlay® setting menu.
☞ "Apple CarPlay® settings" (page 5-31)
- The system update or the map update will be stopped while using wireless Apple CarPlay® (if so equipped).
- The connection with the other Bluetooth® device may be disconnected when wireless Apple CarPlay® (if so equipped) is activated.
- Once the wireless connection (if so equipped) has been established, Apple CarPlay® will be automatically connected wirelessly next time.
- Wireless Apple CarPlay® (if so equipped) uses the Wi-Fi network. After connecting the in-vehicle system to the Wi-Fi network, the Bluetooth® connection with wireless Apple CarPlay® (if so equipped) connected device will be disconnected.
- If you connect the iPhone® that is using wireless Apple CarPlay® (if so equipped) via USB cable, the in-vehicle system provides power to the iPhone®.
- If wireless Apple CarPlay® (if so equipped) does not start automatically, touch [▶] on the device settings screen.
☞ "Setting devices" (page 2-15)
- If you are using Apple CarPlay® or Android Auto™, you cannot start Apple CarPlay® with the other iPhone®. To use Apple CarPlay® with the other iPhone®, disconnect the current device, or deactivate Apple CarPlay® or

Android Auto™ on the Connections settings.

☞ "Connections settings" (page 2-15)

Apple CarPlay® OPERATION

After starting Apple CarPlay®, the iPhone® functions displayed on the screen can be operated using the in-vehicle system.

To return to the Apple CarPlay® top menu screen after detailed operation, touch [●] on the lower corner of the Apple CarPlay® screen.

To return to the Apple CarPlay® screen, touch [▶] on the Launch Bar.

INFO:

When your iPhone® is locked, Apple CarPlay® can still be activated by operating the iPhone® and allowing Apple CarPlay® activation.

Siri® operation

With Siri®, some of the functions in your iPhone® can be voice controlled.

Make sure that Siri® on your iPhone® is turned on.

Activation:

There are two ways to start a Siri® session.

- Push and hold **< 🎤 >** on the steering wheel.
- Touch and hold [●] at the lower corner of the Apple CarPlay® screen.

INFO:

- Push **< 🎤 >** or touch [●] to end Siri® operation.
- Keep the interior of the vehicle as quiet as possible. Close the windows to eliminate the surrounding noises (traffic noises, vibration sounds, etc.), which may prevent the system from recognizing the voice commands correctly.
- For functions that can be used with Siri®, please refer to the Apple website.

Phone operation

If you wish to use make a call with Apple CarPlay®, follow the procedure below:

1. Touch [Phone] on the Apple CarPlay® top menu.
2. Operate the screen displayed to make a call, etc.

Apple CarPlay® SETTINGS

1. Push **<MENU>**.
2. Touch [Connections] on the Launch Bar and then touch [Devices].
3. Touch [ⓘ] by the iPhone® name you wish to change the settings.
4. Touch [Smartphone Projection].

Available setting items:

Setting item 1	Setting item 2	Action
[Start-up Options]	[Auto]	Activates Apple CarPlay® automatically when an iPhone® is connected to the in-vehicle system.
	[Ask Every Time]	Displays the Startup Information screen when an iPhone® is connected to the in-vehicle system.
	[Never Start]	Apple CarPlay® will not activate even if an iPhone® is connected to the in-vehicle system.
[Vehicle's Help for Apple CarPlay]		Displays helpful tips for Apple CarPlay® operation.

INFO:

Normal voice recognition access to songs on your iPod® will not be available when connected to Apple CarPlay®. To access to your iPod®, use the Siri® function or select the music icon in the Apple CarPlay® top menu screen.

☞ "Siri® operation" (page 5-30)

Apple CarPlay® SYSTEM LIMITATIONS

For all features of Apple CarPlay® to operate correctly, it is necessary to have a compatible iPhone®, a cellular connection and a data plan.

When Apple CarPlay® is operating, system performance is affected by the strength of the cellular connection or performance of the phone itself. If performance of the system decreases:

- Disconnect and reconnect your phone
- Cycle phone power off/on to restart

Changing government regulations may also affect operation of Apple CarPlay®.

Android Auto™

WARNING

- **Stop your vehicle in a safe location and apply the parking brake before connecting your Android™ phone to the vehicle or operating your connected Android™ phone for setup.**
- **If you are unable to devote full attention to vehicle operation while using Android Auto™, pull off the road to a safe location and stop your vehicle.**

You can use Android Auto™ by connecting a compatible Android™ phone to your vehicle via a USB cable. It is also recommended to use the Android™ phone OEM cable that is compatible with your phone.

With Android Auto™, your in-vehicle system can be used as a display and a controller for some of the Android™ phone functions. Voice control of some of the Android™ phone functions is also possible with Android Auto™. Visit www.android.com/auto for information about the functions that are available and details about Google's privacy policy.

Certain vehicle information (e.g. location and speed) may be shared with your device while Android Auto™ is in use. Carrier charges may apply to use Android Auto™.

COMPATIBILITY

Refer to the Android Auto™ website for compatible devices.

INFO:

- Download the Android Auto™ App from Google Play™ to Android™ phone in advance.
- For best results, always update your device to the latest Android™ software and Android Auto™ App version. When you connect the Android™ phone to the in-vehicle system, it will automatically update the Android™ software and Android Auto™ App version.
- Android Auto™ will take the place of your Bluetooth® audio and Bluetooth® Hands-Free Phone functionality.
- When setting a route with the navigation system (if so equipped), if you set a destination with Android Auto™, the route setting of the navigation system will be cancelled.

- The Phone menu and access to the connected phone through the Voice Recognition System will be disabled while Android Auto™ is connected. To access your phone, use the Google Assistant™ function or select the phone icon in the Android Auto™ top menu screen.

INITIAL Android Auto™ SETTINGS

Before using Android Auto™, the Android Auto™ App must be downloaded on your Android™ phone.

Download the Android Auto™ App from the Google Play™ store on your Android™ phone.

It may be necessary to operate the Android™ phone when connected first.

Depending on the selection, such as approval, some of the features of Android Auto™ are not available.

Android Auto™ OPERATION

Unlock your phone's screen before connecting your Android™ phone.

1. Connect your Android™ phone to the USB connection port.
   ☞ "USB (Universal Serial Bus) connection ports" (page 2-7)
2. Depending on the setting, a Startup Information screen will appear. Touch [Yes] to use Android Auto™.

INFO:

- If you do not wish to display the Startup Information screen each time you activate Android Auto™, turn on [Don't Ask Anymore] on the Startup Information screen. The Startup Information screen will not be displayed from the next Android Auto™ activation. The Startup Information screen can be set to appear again in the Android Auto™ setting menu.
  ☞ "Android Auto™ settings" (page 5-35)
- If your Android™ phone is connected to the in-vehicle system via Bluetooth®, your phone's Bluetooth® will be turned on automatically when Android Auto™ is activated. Keep the Bluetooth® turned on to use the phone functions.
- Some functions of Android Auto™ are not available if the Bluetooth® is not connected.

3. The Android Auto™ top menu screen will appear. The Android™ phone functions displayed on the screen should now be operable using the in-vehicle system.
4. To exit the Android Auto™ screen, touch [] and then touch [Return to Nissan] on the Android Auto™ screen.

INFO:

When pushing the buttons such as **<MENU>** on the control panel, the corresponding display to the button is displayed.

5. To return to the Android Auto™ screen, touch [] on the Launch Bar.

INFO:

- While Android Auto™ is activated on the Android™ phone, the phone operations, such as making or receiving calls, can only be done with Android Auto™.
- Depending on the device, an Android™ phone requires MTP mode to be selected in the USB transfer setting.

Google Assistant™ operation

Some of the functions on your Android™ phone can be voice controlled when Android Auto™ is active.

Activation:

There are two ways to start a Google Assistant™ session.

- Push and hold **<** **>** on the steering wheel.
- Touch [] on the Android Auto™ screen.

INFO:

- Push **<** **>** to end voice operation.
- Keep the interior of the vehicle as quiet as possible. Close the windows to eliminate the surrounding noises (traffic noises, vibration sounds, etc.), which may prevent the system from recognizing the voice commands correctly.
- For functions that can be used with the voice operation, refer to www.android.com/auto.

Phone operation

If you wish to use your phone while Android Auto™ is activated, follow the procedure below:

1. Touch [] on the Android Auto™ screen.
2. Operate the screen displayed to make a call, etc.

Android Auto™ SETTINGS

1. Push **<MENU>**.
2. Touch [Connections] on the Launch Bar and then touch [Devices].
3. Touch [ⓘ] by the Android™ phone name you wish to change the settings.
4. Touch [Smartphone Projection].

Setting item 1	Setting item 2	Action
[Start-up Options]	[Auto]	Activates Android Auto™ automatically when an Android™ phone is connected to the in-vehicle system.
	[Ask Every Time]	Displays the Startup Information screen when an Android™ phone is connected to the in-vehicle system.
	[Never Start]	Android Auto™ will not activate even if an Android™ phone is connected to the in-vehicle system.
[Vehicle's Help for Android Auto]		Displays helpful tips for Android Auto™ operation.

Android Auto™ SYSTEM LIMITATIONS

For all features of Android Auto™ to operate correctly, it is necessary to have a compatible Android™ phone, a cellular connection and a data plan.

When Android Auto™ is operating, system performance is affected by the strength of the cellular connection or performance of the phone itself. If performance of the system decreases:

- Disconnect and reconnect your phone
- Close all apps and restart them
- Cycle phone power off/on to restart

It should also be confirmed that the latest version of both Android™ OS and the Android Auto™ App are installed on the cellular phone.

Functionality of Android Auto™ may decrease or be lost if there are changes to operating systems, hardware, software or other technologies central to supporting the system that are outside of NISSAN's control. Changing government regulations may also affect the operation of Android Auto™.

SIRI® EYES FREE

GENERAL INFORMATION

Apple Siri® Eyes Free personal assistant can be accessed from the vehicle. Siri® Eyes Free can be accessed in Siri® Eyes Free mode to reduce user distraction. In this mode, Siri® Eyes Free is available for interaction by voice control. After connecting a compatible Apple device by using Bluetooth®, Siri® Eyes Free can be activated by pushing and holding **<** **>** on the steering wheel.

Siri® is a trademark of Apple Inc., registered in the U.S. and other countries.

INFO:

- Some Siri® Eyes Free functions, such as opening apps, may not be available during driving.
- For best results, always update your device to the latest software version.
- Keep the interior of the vehicle as quiet as possible. Close the windows to eliminate the surrounding noises (traffic noises, vibration sounds, etc.), which may prevent the system from recognizing the voice commands correctly.
- For functions that can be used in Siri® Eyes Free, please refer to the Apple website.

REQUIREMENTS

Visit www.apple.com/ios/siri for details about device compatibility.

Siri® must be enabled on the phone. Please check phone settings.

If the device has a lock screen, Siri® must be accessible from the lock screen. Please check phone settings.

SIRI® EYES FREE ACTIVATION

Siri® Eyes Free function can be activated using **<** **>** on the steering wheel.

☞ "Control buttons and touch screen display" (page 2-2)

1. Connect a Siri® Eyes Free enabled iPhone® to the vehicle.
   ☞ "Setting devices" (page 2-15)
2. After the Bluetooth® connection is established, push and hold **<** **>** on the steering wheel to activate the Siri® Eyes Free function.

OPERATING SIRI® EYES FREE

1. Push and hold **<** **>** on the steering wheel.
2. Speak your command and then listen to the Siri® Eyes Free reply.

After starting Siri® Eyes Free, push **<** **>** on the steering wheel again within 5 seconds of the end of the Siri® Eyes Free announcement to extend the session.

Example 1 - Playing music

1. Push and hold **<** **>** on the steering wheel.
2. Say "Play (artist name, song name, etc.)".
3. Your vehicle will automatically change to Bluetooth® audio or iPod® mode* when the music starts playing. Mode selection is determined by the phone.

   *: If the iPhone® is also connected with the USB cable.

If the audio track does not start playing automatically after Siri® Eyes Free ends, try changing the track or audio source to resume playback.

NOTE:

For best results, use the native music app. Performance of music control function while using Podcasts, Audiobook or other third party music apps may vary and is controlled by the iPhone®.

Example 2 - Replying to text messages

1. If a compatible iPhone® is connected and "Show Notifications" of the iPhone® settings is enabled, the vehicle will display a notification for new incoming text messages.
2. After reading the message, push and hold **<** **>** on the steering wheel.
3. After a beep sounds, say "Text message" or a similar command to reply to the received message using Siri® Eyes Free.

MEMO

6 Navigation (if so equipped)

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General information for navigation system (for Mexico) 6-48
- Current vehicle location 6-48
- Route calculation 6-52
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- How to update map data (if so equipped) 6-54

SAFETY INFORMATION

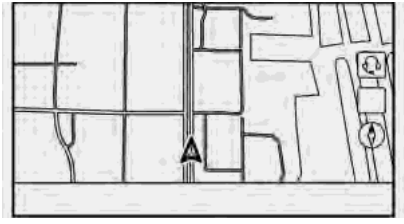
The navigation system is primarily designed to help you reach your destination. However, you, the driver, must use the system safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up to date. The system is not a substitute for safe, proper, and legal driving.

WARNING

Do not rely on route guidance alone. Always be sure that all driving maneuvers are legal and safe in order to avoid accidents.

NAVIGATION SCREEN

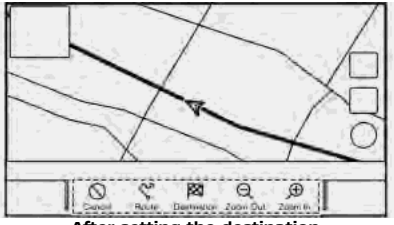
DISPLAYING NAVIGATION SCREEN



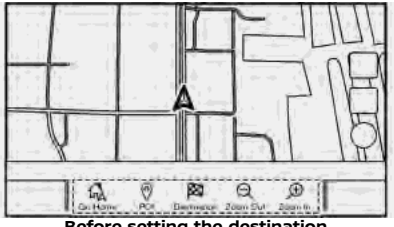
To display the current location map which can be operated, push **<MENU>** and then touch [Map] on the Launch Bar or push **<MAP>**.

LAUNCH BAR

The Launch Bar related to operating the navigation system is displayed on the current location map screen. Displayed items vary depending on the route settings.



After setting the destination



Before setting the destination

Menu item	Action
[Add Home]/[Go Home]	[Add Home]: When the home location is not stored, a home location can be stored in the system. ☞ "Storing home or work location" (page 6-27) [Go Home]: When the home location is stored, sets the home location as a destination.
[POI]	Searches for a Points of Interest to set as a destination.
[Destination]	Displays the destination menu. ☞ "Setting destination" (page 6-10)
[Zoom Out]	Zoom out the map.
[Zoom In]	Zoom in the map.
[Cancel]	Cancels the route guidance.
[Route]	Displays the route menu screen. ☞ "Route menu" (page 6-13)

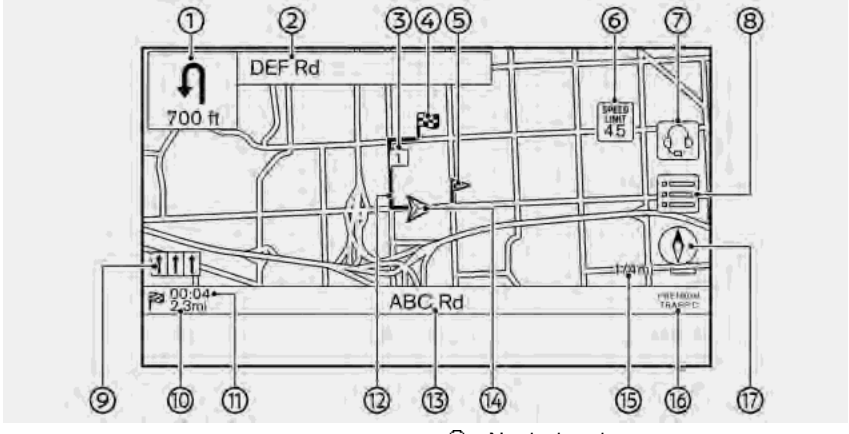
MAP OPERATION

MAP TYPES

Two types of map views are available: 2D and 3D.

2D map

The 2D map displays the map in a two-dimensional environment similar to a road map.



Screen information:

① Arrow and distance:

Indicates the distance to the next guide point and the turning direction at that guide point.

② Next street name:

Displays the next street name during the route guidance.

③ Waypoint:

Displays the location of the waypoint

that the vehicle will stop by before heading to the final destination. A maximum of 20 waypoints can be set.

④ Destination:

Indicates the location of the final destination.

⑤ Stored location:

Displays the locations that are stored in the Address Book.
☞ "Storing location" (page 6-27)

The icons can be changed according to your preferences.

⑥ Speed limit icon:

Displays the speed limit of the road which the vehicle is on.

⑦ (if so equipped):

Touch the icon to connect to the NissanConnect® Services Interactive Voice Menu.
☞ "Connecting to Interactive Voice Menu" (page 5-12)
☞ "Connecting to Interactive Voice Menu" (page 5-20)

⑧

Touch to display the Map Menu.
☞ "Map Menu screen" (page 6-10)

⑨ Recommended lane indicator:

When a route is set, the arrow and the recommended driving lane may be displayed depending on the road.

Blue: Recommended

Gray: Not recommended

⑩ Remaining distance to the destination:

Indicates the approximate remaining distance to the destination or the waypoint. This indicator will appear when a destination or a waypoint is set and route guidance is started.

⑪ Estimated arrival time:

Indicates the estimated arrival time to the destination or the waypoint. This indicator will appear when a destination or a waypoint is set and the route guidance is started.
☞ "Guidance settings" (page 6-22)

The Estimated arrival time can be changed to the trip time.
☞ "Route Preference" (page 6-16)

⑫ Suggested route:

Appears in bold blue during route guidance.

⑬ Street name:

Displays the name of the street that the vehicle is currently driving on.

⑭ Vehicle icon:

Indicates the current vehicle location and the direction that the vehicle is heading.

⑮ Scale indicator:

Indicates the scale of the map.

⑯ Traffic reception status indicator:

Indicates the reception condition of the traffic information.

Touch to display the traffic information screen.
☞ "Viewing traffic events from list" (page 6-25)

[PREMIUM TRAFFIC]:

Displayed when [Use Premium Traffic] is turned on and the traffic information is available.
☞ "Traffic information setting" (page 6-26)

[SiriusXM TRAFFIC]:

Displayed when [Use Premium Traffic] is turned off and the traffic information is available.
☞ "Traffic information setting" (page 6-26)

A SiriusXM Traffic™ subscription is necessary to receive SiriusXM® infor-

mation services.

⑰ [ ]

Indicates the directional setting of the map.

Touch to change the map view and the map orientation.

3D map

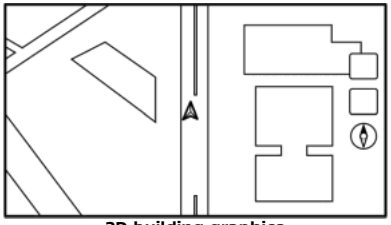
The 3D map displays the map from an elevated perspective. In 3D map, it is easy to recognize an image of the route because it provides a panoramic view over a long distance.

INFO:

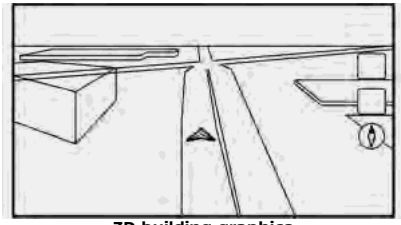
The 3D map always appears with the current forward direction facing up.

Building graphics

Building graphics are stored in the map data for certain areas, and can be displayed when the map is zoomed in.



2D building graphics



3D building graphics

INFO:

In an area where the building graphics are not stored in the map data, the normal map is displayed even when the map is zoomed in.

ROAD COLOR

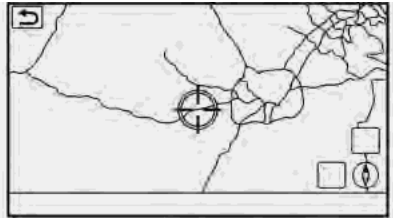
The road types are differentiated by color.

Color	Road type
Dark red	Freeway
Light brown	Major road
Light green	Secondary road
White	Local road

MOVING MAP

The map can be scrolled by the touch panel operations. Map scrolling operations may be limited while driving.

Touch:



When a point on the map is touched, the

cross pointer is displayed and the position touched is moved to the center of the screen.

After moving the map, touch [⮌] on the map screen or push **<MAP>** or **<BACK>** to display the current location map screen.

Long touch:

Touch the direction to move to. The map continues to scroll while the screen is touched.

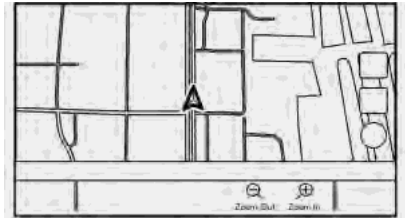
Drag:

Drag the screen to scroll the map.

Swipe/flick:

Swipe or flick the screen to scroll the map screen quickly.

CHANGING SCALE OF MAP



To change the map scale, touch [Zoom Out] or [Zoom In] on the Launch Bar.

Other operation:

- While the cross pointer is displayed, the scale bar can be displayed by touching the scale indicator on the map.
  Touching [⊖] or [⊕] on the scale bar can change the map scale while the scale bar is displayed.
- While the cross pointer is displayed, pinching in or out with your fingers on the map screen can also change the map scale.

INFO:

- While driving, pinch-in and pinch-out operations may be disabled.
- Depending on the map scale, traffic information icons cannot be displayed on the map screen.
  ☞ "Traffic information on map" (page 6-25)

MAP SETTINGS

The setup for the map view is performed from the Settings menu on the touch screen display.

1. Touch [▤] on the map screen.
2. Touch [Map Settings].

Available setting items may vary depending on models and specifications.

Menu item		**Action**
[Dual Map View]	[2D Map]	Displays 2D map.
	[3D Map]	Displays 3D map.
	[Split: 2D Map]	Displays 2D map on both left and right side of the split screen. You can see the different scale and settings of 2D maps at the same time.
	[Split: 3D Map]	Displays 2D map on the left side and 3D map on the right side of the split screen.
[Left Side Info]	[Intersection]	Displays the enlarged view of the next intersection on the left side of the screen during route guidance.
	[Turn List]	Displays the turn list on the left side of the screen when a route is set.
	[Drive Report]	Displays your Eco drive report on the left side of the screen. Touch [History] to view the Drive Report history. Touch [Reset] to clear the past records. Touch [000] to switch to the full Eco drive report screen. Push **<MAP>** to switch to the full map screen.
	[Full Map]	Displays full map screen.
[Map Icons]		Select the categories of POI icons to display on the map screen.
[Others]	[Map Orientation]	The map orientation can be selected from [North Up] or [Heading Up]. [Map Orientation] is available only when 2D map is displayed.
	[Long Range]	The position of the vehicle icon is located slightly lower than the center of the screen to view a wider area in the traveling direction. Long Range is available only when the map view is in [Heading Up] mode.

Menu item			Action
	[Left Split Map Settings]	[Map Orientation]	The map orientation for the left side of split screen can be selected from [North Up] or [Heading Up].
		[Long Range]	With this item turned on, the vehicle position icon on the left screen will be located slightly lower than the center of the screen so that a wider area in the traveling direction can be viewed. Long Range Map View is available only when the left side of split screen is in [Heading Up] mode.
		[Map Scale]	Sets the map scale of the left screen.
	[Audio Display on Map]		Turns on/off the audio information displayed at the top of the map screen.
	[Map Color]		Sets map color from Standard, Emphasize Roads, Emphasize Text and Emphasize Traffic.
	[Map Text Size]	[Large]	Sets the font size of the text displayed on the map screen.
		[Medium]	
		[Small]	
	[Select Text to Display on Map]	[Place Names]	Allows place, facility and road names to be displayed on the map screen.
		[Facility Names]	
		[Road Names]	
	[Map Scrolling Information]		Information about the location, on which the center of the cross pointer is placed by scrolling on the map, can be set to be displayed.

Menu item			Action
	[Tracking Dots Displayed on Map]	[Record & Show Tracking Dots on Map]	Turns the route tracking dots display on/off.
		[Tracking Dot Distance]	Select the interval between tracking dots.
		[Delete Track to Current Location]	Deletes the route tracking dots up to the current location.
	[Show All Freeway Exits on Route]		Turns on/off the freeway exit information display.
	[Auto. Show Turn List on Freeway]		The turn list can be displayed automatically while driving on a freeway.
	[North Up when Zoomed Out]		When this setting is ON, the orientation of the map is automatically changed to North Up when the widest map scale is selected.
[Back to Map]			Back to the current location map.

TRAFFIC INFORMATION ON MAP

Traffic information can be displayed on the map.

☞ "Traffic information on map" (page 6-25)

MAP MENU SCREEN

Touch [☰] while the current location map screen or a scrolled map screen is displayed to display the menu corresponding to that screen.

This menu can be used to quickly access helpful functions, such as setting a destination or searching for points of interest nearby.

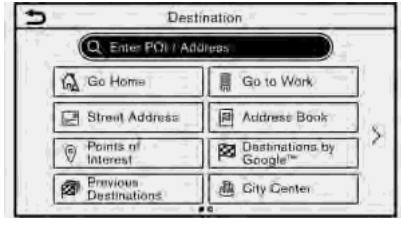
SETTING DESTINATION

The system can provide route guidance once a destination is set.

BASIC OPERATIONS

Displaying destination setting menu

There are several methods that can be used to set a destination. Select a preferred method for finding and setting a destination.



Push **<MAP>** and then touch [Destination] on the Launch Bar.

Availability of the destination setting methods varies depending on the models and specifications.

Available destination setting methods:

Setting item	Action
[Enter POI/Address]	Searches for a destination by inputting the address or POI names.
[Go Home]	Searches for a route from the current location to the previously stored home location.
[Street Address]	Searches for a destination by address.
[Points of Interest]	Searches for a destination from various categories.
[Previous Destinations]	Searches for the destination from the previous destinations and a previous start point.
[Go to Work]	Searches for a route from the current location to the previously stored work location.
[Address Book]	Searches for a destination from the vehicle Address Book.
[Destinations by Google]	Sets a place searched by Google as a destination.
[City Center]	Sets the center of a city as the destination.
[Intersection]	Sets an intersection as a destination.
[Phone Number]	Searches for a point of interest by a telephone number.
[Saved Routes]	Sets a route from the saved route data.
[SXM Travel Link]	Sets a destination by using the SiriusXM® Travel Link features.
[By Map]	Searches for a destination by map.
[Latitude/Longitude]	Sets a destination from latitude and longitude.
[Door to Door Navigation]	Turns on/off Door to Door Navigation.

NOTE:

Notice for Point of Interest search

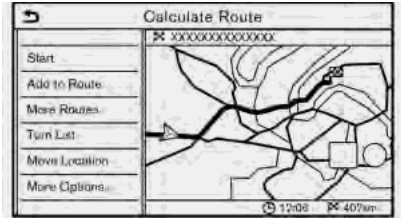
Locations and business hours of facilities are subject to change, which may not be reflected in the map data. Double-check this information before you go to an emergency facility to ensure that you can receive the proper support. Otherwise, you may not receive emergency help when you arrive at the destination. A confirmation message also appears on the navigation screen. Follow the displayed instructions and check the items required.

INFO:

- After setting a destination, the location of the destination can be adjusted and the location can be stored in the Address Book, etc.
  ☞ "Options before starting the route guidance" (page 6-12)
- The destinations can be canceled and edited/added.
  ☞ "Route menu" (page 6-13)

OPTIONS BEFORE STARTING THE ROUTE GUIDANCE

Before starting the route guidance, select menus for route details to modify the route, preview the turn list, or store the route.



- [Start]:
  Starts route guidance to the selected destination.
- [Add to Route]:
  Adds a location to the route previously set.
- [More Routes]:
  Suggests alternative routes.

INFO:

Touch [1type] to display alternative routes calculated with a route search condition selected on the [Basic Route Type] setting screen.
☞ "Route Preference" (page 6-16)
Touch [3types] to display alternative routes calculated in all three route search conditions ([Fastest], [ECO] and [Shortest]).

- [Turn List]:
  Displays a detailed turn list. The map can be displayed and the turn can be avoided by touching a turning point.
- [Move Location]:
  Displays a map screen and allows the location of the destination to be adjusted.
- [More Options...]:
  Option such as viewing place information and saving locations/routes can be selected.

ROUTE GUIDANCE

ABOUT ROUTE GUIDANCE

After setting the route, select [Start] to start the route guidance.

During route guidance, the system navigates you through the guide points using visual and voice guidance.

WARNING

- **The navigation system's visual and voice guidance is for reference purposes only. The contents of the guidance may be inappropriate depending on the situation.**
- **Follow all traffic regulations when driving along the suggested route (e.g., one-way traffic).**
  "Route guidance" (page 6-41)
  "Route guidance" (page 6-53)

Voice guidance during route guidance

Basics of voice guidance:

Voice guidance announces which direction to turn when approaching an intersection for which a turn is necessary.

INFO:

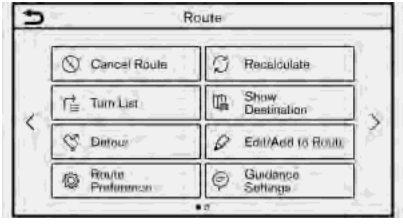
- There may be some cases in which voice guidance and actual road conditions do not correspond. This may occur because of discrepancies between the actual road and the information on the map data, or may also be due to the vehicle speed.
- In case voice guidance does not correspond to the actual road conditions, follow the information obtained from traffic signs or notices on the road.
- Route guidance provided by the navigation system does not take carpool lane driving into consideration, especially when carpool lanes are separated from other road lanes.
- The system will announce street names when the system language is set to English. Street names are not announced when the system is set to French or Spanish.
- When approaching a guide point (intersection or corner) or destination/waypoint during route guidance, voice guidance announces the remaining distance and/or turning direction. Push and hold **<MAP>** to repeat voice guidance.

ROUTE MENU

WARNING

Always stop the vehicle in a safe location before modifying the route conditions. Modifying the route conditions while driving may cause an accident.

During route guidance, the route conditions can be modified and the route information can be confirmed. Set route conditions according to your personal preference.



Push **<MAP>** when a destination is set, and then touch [Route] on the Launch Bar.

The route menu screen is displayed.

Available settings

Menu item		Result
[Cancel Route]		Cancels the current route guidance.
[Turn List]		Displays the details of the suggested route.
[Detour]		A detour of a specified distance can be calculated.
[Route Preference]		Set the route search conditions. ☞ "Route Preference" (page 6-16)
[Recalculate]		Manually search for the route again after changing the search conditions, etc. and have the system calculate a route. ☞ "Recalculating route" (page 6-19)
[Show Destination]	[Move Location]	Displays a map screen and allows the location of the destination to be adjusted.
	[Nearby POIs]	Search for points of interest near the destination, such as restaurants and gas stations, etc. The location can be set as a waypoint.
	[Save Location]	Save the destination in the Address Book.
[Edit/Add to Route]		A destination or waypoint can be edited/added to a route that has already been set. ☞ "Editing route" (page 6-19)
[Guidance Settings]		Various guidance settings can be customized. ☞ "Guidance settings" (page 6-22)
[Save Route]		The current route (a destination and waypoints) can be saved. A maximum of 10 routes can be saved. The saved routes can easily be recalled for future use. Saved route includes only the location information, not the route itself. Route may vary depending on the traffic information or other conditions.
[Map Scroll]		Displays the current map screen which can be scrolled to confirm the location of the destination, waypoints, route, etc.

[Simulation]	Simulates the route guidance. This function provides a detailed image of the route with voice guidance. The following operations are available: [⏸]: Pauses the simulation. [▶]: Resumes the simulation. [■]: Ends the simulation. []: Increases the play speed. []: Decrease the play speed.

ROUTE PREFERENCE

It is possible to set the conditions of the route search.

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Route Preference].
3. Touch the item you would like to set.

Available items may vary depending on models and specifications.

Setting Item			**Action**
[Basic Route Type]	[Fastest Route]		Prioritizes the use of fastest route.
	[Energy-Saving]		Prioritizes a route which uses less energy.
	[Shortest Distance]		Prioritizes the shortest route. The route may not be the shortest because the system prioritizes roads that are easy to drive on for safety reasons.
[Other Routing Choices]	[Minimize Freeway]		Minimizes the use of freeways.
	[Minimize Toll Roads]		Minimizes the use of toll roads.
	[Time Restricted Roads]	[Use Restriction Info]	Calculates route taking time restriction information into consideration.
		[Do Not Use Restriction Info]	Calculates route without taking time restriction information into consideration.
		[Avoid]	Calculates route avoiding the use of time restricted roads.
	[Seasonal Restricted Roads]	[Use Restriction Info]	Calculates route taking seasonal restriction information into consideration.
		[Do Not Use Restriction Info]	Calculates route without taking seasonal restriction information into consideration.
		[Avoid]	Calculates route avoiding the use of seasonal restricted roads.

	[Use Traffic Information]	[Auto]	Calculates the route automatically taking traffic information into consideration.
		[Accept]	If a traffic jam or incident occurs, a confirmation screen will appear before calculation.
		[OFF]	Calculates the route without taking traffic information into consideration.
	[Use Avoid Area Settings]		When enabled, the system avoids the previously defined avoid areas.
	[Use Ferries]		Includes the use of ferries.
	[Use Unpaved Roads]		Includes the use of unpaved roads.
	[Use HOV Lanes]		Includes the use of HOV lanes.
	[Use Learned Routes]		Uses the roads that are most frequently traveled with the help of self-learning technology.
[Customize More Routes]	[3types]		Calculates 3 types of route when confirming other routes.
	[1type]		Calculates an alternative route when confirming other routes.
[Estimated Time]	[Destination]		Displays the estimated time of arrival or remaining time to the destination during route guidance.
	[Waypoint]		Displays the estimated time of arrival or remaining time to the waypoint during the route guidance.
[Time Shown on Map]	[ETA]		Displays the estimated time of arrival.
	[Remaining]		Displays the remaining time to arrival.

INFO:

- If the vehicle greatly deviates from the suggested route, the system calculates a new route.
- Traffic jam information displayed on the map screen is not statistical traffic information.
- If [Do Not Use Restriction Info] is selected for [Time Restricted Roads] setting, the system calculates a route without any consideration of the regulations concerning the time or day of the week. Therefore, the suggested route may include a road subject to traffic regulations concerning the time or day of the week. When driving along the route, always follow all traffic regulations regardless of whether [Time Restricted Roads] is set to be considered or not.
- Even when [Use Traffic Information] is turned on, if traffic information has not been provided for the area, a detour may not always be indicated in a location where a traffic jam occurs.
- The system calculates to reduce the time required for the entire route from the start to the destination. If there are no appropriate routes, the system may lead to a route where a traffic jam occurs instead of leading to a detour.
- The system may not lead to a detour if the traffic closure or a traffic jam occurs far from the present location.

RECALCULATING ROUTE

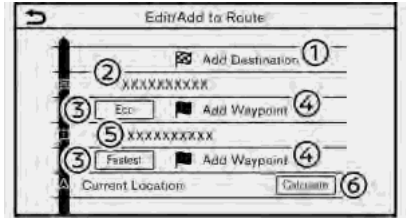
A route can be manually searched again after changing the search conditions, etc.

1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Recalculate]. A message is displayed and the route is recalculated.
3. Touch [Start] or conduct other operations as necessary.
   ☞ "Options before starting the route guidance" (page 6-12)

INFO:

- When a waypoint has been set on the route, the system will search for only one route, even if route recalculation is performed.
- When the vehicle deviates from the suggested route, the route from the current location to the destination is automatically searched again by the Auto Reroute function.

EDITING ROUTE



1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Edit the following settings and touch [Calculate].

Available settings

① [Add Destination]:

Touch to add a new destination.

② Current destination:

Touch to edit or delete the destination.
☞ "Editing/deleting destination or waypoint" (page 6-20)

③ Criteria for calculating a route to the destination/waypoint:

Touch to change the conditions for route calculation.
☞ "Changing route calculation conditions" (page 6-20)

④ [Add Waypoint]:

Touch to add a waypoint.
☞ "Setting destination or waypoint" (page 6-19)

⑤ Current waypoint:

Touch to edit or delete the waypoint.
☞ "Editing/deleting destination or waypoint" (page 6-20)

⑥ [Calculate]:

After editing the route, touch to recalculate a route with new conditions.

Setting destination or waypoint

A destination or waypoint can be added to a route that has already been set. Up to 20 waypoints besides one destination can be set.

1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch [Add Destination] or [Add Waypoint].

INFO:

If [Add Destination] is selected, the current destination changes to a waypoint.

4. Set a destination or waypoint. The method of searching for a destination or waypoint is the same as the one for a destination.
   ☞ "Setting destination" (page 6-10)
5. Touch [Add to Route] to add the location to the route.
6. The route information with the selected location added to the route is displayed. Adjust the route calculation conditions as necessary.
   ☞ "Changing route calculation conditions" (page 6-20)
7. Touch [Calculate] to confirm the route change. The route will be recalculated.

INFO:

The prior route will be deleted automatically.

Editing/deleting destination or waypoint

A destination or waypoint that has already been set can be modified or deleted.

1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch a destination or waypoint that is already set.
4. Touch to edit the following settings:

   Available settings

   - [Delete]:

     A selected destination or waypoint that has already been set can be deleted.
   - [Change Order]:

     The order of a destination and waypoints that are already set can be changed.
   - [Move Dest.]:

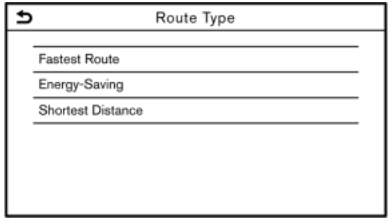
     The location of the destination or waypoint can be adjusted by moving the cross pointer across the map on the touch screen display.
5. Touch [Calculate] to apply the change.

INFO:

If the destination is deleted, the route guidance will be canceled.

Changing route calculation conditions

Each section of the route between waypoints can have different route calculation conditions.



1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch the route condition shown on the preferred section of the route to the destination or waypoint.
4. Touch the preferred condition.
   ☞ "Route Preference" (page 6-16)
5. The conditions are changed and the display returns to the edit route screen.

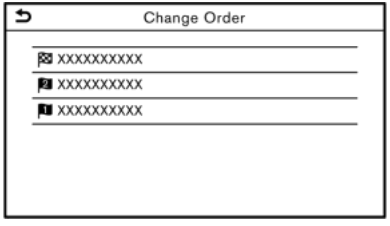
6. Touch [Calculate] to apply the change.

INFO:

The recalculated route may not be the shortest route because the system prioritizes roads that are easy to drive on for safety reasons.

Changing order of destination and waypoints

The order of a destination and waypoints that are already set can be changed.



1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Edit/Add to Route].
3. Touch a destination or waypoint that is already set.
4. Touch [Change Order].
5. Touch a preferred destination or waypoint to replace the previously selected destination or waypoint.
6. Touch [Calculate] to apply the change.

GUIDANCE SETTINGS

Various settings are available to customize the guidance information provided by the system.

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Guidance Settings].
3. Touch an item you would like to set.

Setting item	Action
[Guidance Volume]	Adjusts the volume level of voice guidance.
[Guidance Voice]	Activates or deactivates voice guidance.
[Traffic Announcement]	Activates or deactivates the traffic announcement. When this item is activated, the system provides an announcement of traffic information or events on the route. The indicator illuminates if traffic announcement is activated.
[Toll Booth Guide]	Activates or deactivates the function to notify that the vehicle is approaching a toll booth.

INFO:

- [Guidance Settings] can also be accessed from the route menu screen.
  ☞ "Route menu" (page 6-13)
- The guidance volume can also be adjusted by turning **<VOL/PUSH POWER>** or pushing **< 🔊 >** on the steering wheel while voice guidance is being announced.

VIEWING TRAFFIC INFORMATION

Two types of traffic information are available on this system, SiriusXM Traffic™ Information and Premium Traffic Information.

To Activate SiriusXM Traffic™ Information, set [Use Premium Traffic] off.

To Activate Premium Traffic Information, set [Use Premium Traffic] on.

☞ "Traffic information setting" (page 6-26)

SiriusXM Traffic™ (if so equipped)

SiriusXM Traffic™ information is a subscription service offered by SiriusXM® Satellite Radio.

This service provides real-time information regarding traffic flow, accidents, road construction and other incidents, where available.

SiriusXM Traffic™ combines information from commercial and public traffic data providers including government departments of transportation, police, emergency services, road sensors, cameras and aircraft reports. The traffic information is broadcast to the vehicle by the SiriusXM® satellites. Available traffic information on the route the driver selected is shown on the navigation screen so traffic conditions between you and the destination are known. Three types of real-time traffic information for major roadways are shown on the navigation system:

* Unscheduled traffic data, for example, accidents and disabled vehicles.

* Scheduled traffic data, for example, road construction and road closures.

* Traffic flow information (rate of speed data).

WARNING

SiriusXM Traffic™ information is not a substitute for attentive driving. Traffic conditions change constantly and emergency situations can arise without warning. Relying only on SiriusXM Traffic™ information may lead to a collision and could result in serious personal injury.

NOTE:

- **Turn [Use Premium Traffic] off when receiving SiriusXM Traffic™ information.**
  ☞ "Traffic information setting" (page 6-26)
- **Flow information is provided only for roads equipped with traffic sensors and is not available in all markets covered by the service. Flow data may not be available on portions of a road that is under construction.**
- **A SiriusXM Traffic™ subscription is necessary to view Traffic Info.**

Notes on SiriusXM Traffic™ information

- The SiriusXM Traffic™ information service is not provided for some cities. In addition, the cities for which the traffic information service is provided may be changed.
- In some cases, infrastructure problems may prevent the complete display of the traffic information. This is not a malfunction.
- Depending on the traffic information, a detour route may be slower than the original route.

- SiriusXM® Satellite Radio and SiriusXM Traffic™ subscriptions are sold separately or as a package, and are continuous until you call SiriusXM® to cancel. See SiriusXM® Customer Agreement for complete terms at the SiriusXM® website.

  SiriusXM® website:

  For U.S.

  www. siriusxm.com

  For Canada

  www.siriusxm.ca (English)

  www.siriusxm.ca/fr (French)

- SiriusXM® Travel Link is available in select markets. For more information, refer to the SiriusXM® website or call Listener Care.

  SiriusXM® website:

  For U.S.

  www.siriusxm.com/traffic

  For Canada

  http://www.siriusxm.ca/siriusxm-traffic-services/ (English)

  http://www.siriusxm.ca/fr/services-siriusxm-traffic/ (French)

  Listener Care:

  For U.S.

  1-877-447-0011

  For Canada

  1-877-438-9677

- SiriusXM Traffic™ is available in over 130 metropolitan markets. For the most current list of markets covered, please refer to the SiriusXM® website or call Listener Care.

  SiriusXM® website:

  For U.S.

  www.siriusxm.com/siriusxmtraffic

  For Canada

  http://www.siriusxm.ca/siriusxm-traffic-services/ (English)

  http://www.siriusxm.ca/fr/services-siriusxm-traffic/ (French)

  Listener Care:

  For U.S.

  1-877-447-0011

  For Canada

  1-877-438-9677

- Due to road maintenance, infrastructure problems (e.g. malfunction of road sensors, outage of central computer of infrastructure) or natural disasters, there are times when some or all traffic information may not be available.
- Incident information is based on human collection. Not all incidents that have happened are collected and provided.
- Due to the coverage and quality of traffic information and road conditions, it is not always possible for the system to provide the shortest time route even when traffic information is considered.
- Traffic information that is displayed may differ from information from other media (e.g., radio), as other media may use different information sources.

PREMIUM TRAFFIC INFORMATION

Real-time traffic information can also be obtained from Premium Traffic information with more street coverage.

The types of event displayed on the screen are the same as SiriusXM Traffic™ Information.

Premium Traffic information is available by turning [Use Premium Traffic] on and connecting a Wi-Fi device (if so equipped) or connecting a smartphone through Wi-

Fi.

☞ "Traffic information setting" (page 6-26)

INFO:

You can also use the Premium Traffic Information when a Door to Door Navigation enabled smartphone is connecting to the vehicle.

VIEWING AVAILABLE TRAFFIC INFORMATION

Viewing traffic events from list

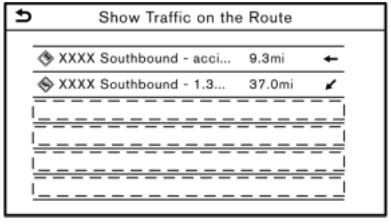
1. Push **<MENU>** and then touch [Info] on the Launch Bar.
2. Touch [SXM Traffic] or [Premium Traffic]. A list of available types of information is displayed.

Available items	Function
[Show the Traffic on the Route]	Displays a list of traffic information found on the route from the current vehicle location to the destination. Available only when a route is set.
[Nearby Traffic Info]	Displays a list of available traffic information around the current vehicle location.

INFO:

[SXM Traffic] or [Premium Traffic] is available only when the traffic information is received.

3. Touch the preferred item. A list of available events are displayed.



4. Touch an event from the list to check the detailed information and the map. Touch [Avoid] to search for an alternate route.

Displaying urgent traffic information

When an urgent event is found around the current vehicle location, a message pops up automatically on the touch screen display with a voice announcement.

The message includes the icon, event type, event information and the direct distance from the current location to the event.

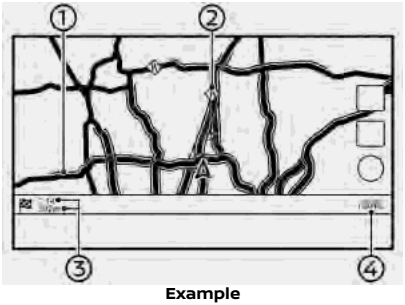
INFO:

- When there are multiple urgent events, the event with the shortest direct distance from the current location is displayed.
- If the urgent event is on the recommended route, and if a detour is found, the detour route notification screen is displayed when the vehicle approaches the detour point.

Traffic information on map

Traffic information is displayed on both 2D and 3D map screens.

Screen information



Example

① Road conditions
Free Flow: Green
Slow traffic: Yellow
Heavy traffic: Red
Road closed and section affected by serious traffic event: Orange and white stripes
Queuing traffic: Orange (Premium Traffic information only)

② Traffic information icon:
If a route is not already set, all of the traffic information icons on the map screen are displayed in gray. When a route is already set, the icons on the route are displayed in color, and the icons outside the route are displayed in gray.
: Traffic jam
: Slow traffic
: Traffic flowing freely
: Road closed
: Accident
: Road work
: Narrow lanes
: All other events

③ Remaining distance and estimated remaining time to the destination/ time of arrival calculated with consideration of traffic information on route.
Whether to display the remaining time to the destination or estimated arrival time at the destination can be selected.
☞ "Route Preference" (page 6-16)

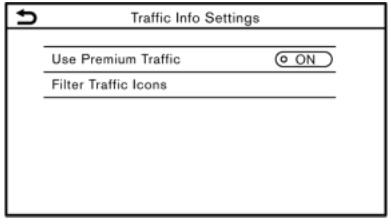
④ Traffic indicator:
SiriusXM Traffic™
Displayed when there is available SiriusXM Traffic™ Information received.
Premium Traffic
Displayed when there is available Premium Traffic Information received.
A SiriusXM Traffic™ subscription is necessary to view traffic information.

INFO:

Traffic icons are displayed in the scale level of 1/64 miles (15 m) - 7.5 miles (12.5 km) range. Some traffic icons are displayed only on the map at higher detail levels.

TRAFFIC INFORMATION SETTING

Settings for traffic information related functions can be changed.



1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Traffic Info Settings].
4. Touch the preferred setting. The indicator for the selected setting illuminates.

Available setting items may vary depending on models and specifications.

Available setting items

- [Use Premium Traffic]:
  Turns the Premium Traffic information on/off.
- [Filter Traffic Icons]:
  Selects which types of traffic incidents (e.g., accident) will be displayed on the map screen.

INFO:

Even when [Traffic Announcement] is set to off, the route guidance will not be affected. Also, the announcement of emergency information and weather information will not be turned off.

STORING A LOCATION/ROUTE

STORING LOCATION

Often visited locations can be stored in the Address Book. The stored addresses can be easily retrieved to set them as a destination or waypoint.

Storing home or work location

A home or work location can be stored in the system.

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Add Home Location] or [Add Work Location].
4. Touch an appropriate method to set the location. Refer to the search methods used for destination setting.
   ☞ "Setting destination" (page 6-10)

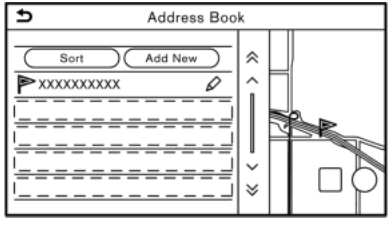
   When stored, the location is displayed at the center of the map on the touch screen display.
5. Edit the contents of the stored item as necessary and touch [OK].
   ☞ "Editing stored location" (page 6-30)

INFO:

If you touch [Go Home (Save Location)] or [Go to Work (Save Location)] on the destination screen while the home or work location is not stored yet, the system will display a message asking if you wish to store a home or work location. Touch [Yes] to store the home or work location.

Storing location by searching

It is possible to store a location by searching in various ways.



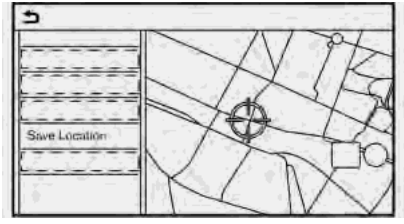
1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Saved Locations].
5. Touch [Add New].
6. Touch an appropriate method to set a location. Refer to the search methods used for destination setting.
   ☞ "Setting destination" (page 6-10)
7. Touch [OK].
8. A message is displayed, and the address of the location is stored in the Address Book.
9. Adjust and edit the contents of the stored item as necessary. Touch [OK] to confirm.
   ☞ "Editing stored location" (page 6-30)

INFO:

- When the location is stored in the Saved Locations, [Address Book] can be used to search for the location.
- When 200 locations are already stored, a new location cannot be stored until a currently stored location is deleted.

Storing location by moving map

1. Move to the preferred location on the map and touch [☰] on the touch screen display.



2. Touch [Save Location]. A message is displayed.
3. The icon representing the stored location is displayed on the map. Push **<MAP>** to return to the current location map screen.

STORING ROUTE

A maximum of 10 calculated routes can be stored. Stored routes can be easily retrieved and set as the suggested route.

A route requires at least one waypoint in order to be stored.

1. Push **<MAP>** and then touch [Route] on the Launch Bar.
2. Touch [Save Route]. A confirmation message is displayed. Select [Yes] to store the current route.

INFO:

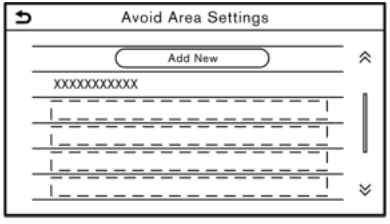
- At least 1 waypoint must be set for the route to be stored.
- A stored route includes only locations (destination and waypoints) and route calculation conditions, not the route itself.
- The route is stored in the first available position number in the stored routes list.
- When 10 routes are already stored in the address book, a new route cannot be stored until a route is deleted.
  ☞ "Deleting stored item" (page 6-33)

STORING AVOID AREA

An Avoid Area can be stored. The Avoid Area is an area that can be excluded from a route, such as a road that is always congested. Once Avoid Areas are stored, the system avoids those areas when calculating a route. Up to 10 Avoid Areas can be stored.

1. Touch [Settings] on the Launch Bar.

2. Touch [Navigation].
3. Touch [Address Book].
4. Touch [Avoid Area].



5. Touch [Add New].

   Touch an appropriate method to search for a location.
   ☞ "Setting destination" (page 6-10)
6. Touch [OK].
7. Adjust the information of the Avoid Area as necessary.
   ☞ "Editing avoid area" (page 6-33)
8. Touch [OK] to store the avoid area information.

INFO:

A maximum of 10 Avoid Areas can be stored. When 10 Avoid Areas are already stored, a new Avoid Area cannot be stored until a currently stored Avoid Area is deleted.
☞ "Deleting stored item" (page 6-33)

EDITING STORED INFORMATION

Items stored in the system can be edited.

Editing stored location

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].

Setting item			Action
[Home Location]*	[Edit]	[Show Icon on Map]	Displays the home icon on the map.
		[Icon]	Selects a home icon of a preferred design.
		[Sound]	Sets the type of the alarm that sounds when the vehicle approaches home.
		[Direction]	Sets the alarm to sound when approaching from a specific direction.
		[Distance]	Sets the alarm to sound when reaching a specific distance to home.
		[Phone No.]	Stores the home telephone number.
	[Move Location]		Adjusts the stored home location.
	[Delete]		Deletes the stored home location.
	[OK]		Confirms and saves the edited home information.
[Work Location]*	[Edit]	[Show Icon on Map]	Displays the work icon on the map.
		[Icon]	Selects a work icon of a preferred design.
		[Sound]	Sets the type of alarm that sounds when the vehicle approaches work.
		[Direction]	Sets the alarm to sound when approaching from a specific direction.

		[Distance]		Sets the alarm to sound when reaching a specific distance to work.
		[Phone No.]		Stores the work telephone number.
	[Move Location]			Adjusts the stored work location.
	[Delete]			Deletes the stored work location.
	[OK]			Confirms and saves the edited work information.
[Saved Locations]	[Sort]	[Sort by Number]		Sorts the saved locations.
		[Sort by Name]		
		[Sort by Icon]		
		[Sort by Group]		
	[Add New]			Adds a new location. ☞ "Storing location by searching" (page 6-27)
	Saved Location List	[Edit]	[Show Icon on Map]	Displays the icon of a stored location on the map.
			[Name]	Registers a name of the entry.
			[Voice Tag]	Registers a voice tag for the entry which allows the entry to be used with the Voice Recognition System.
			[Icon]	Selects an icon for the entry.
			[Sound]	Sets the type of the alarm that sounds when the vehicle approaches the location.
			[Direction]	Sets the alarm to sound when approaching from a specific direction.
			[Distance]	Sets the alarm to sound when reaching a specific distance to the location.
			[Phone No.]	Registers a phone number for the location.

			[Group]	Registers a group of the entry.
			[Entry Numbers]	Registers an entry number for the location.
		[Move Location]		Adjusts the stored location information.
		[Delete]		Deletes the stored location information.
		[OK]		Confirms and saves the edited stored location information.

*: When home or work location has not been stored, [Add Home Location] or [Add Work Location] is displayed and a home or work location can be stored from the menu.

Editing stored route

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Saved Routes].
4. Touch the preferred saved route from the list. Saved Routes settings screen will be displayed.

Setting item	Action
[Rename]	Changes the saved route name.
[Replace]	Overwrites the saved route with the current route.
[Delete]	Deletes the saved route.
[OK]	Applies the edited settings.

Editing avoid area

1. Touch [Settings] on the Launch Bar and touch [Navigation].
2. Touch [Address Book] and then touch [Avoid Area].
3. Touch a preferred Avoid Area from the list. Avoid Area settings screen will be displayed.

Setting item	Action
[Rename]	Changes the name of an Avoid Area.
[Move Location]	Adjusts the Avoid Area location.
[Resize Area]	Adjusts the size of the Avoid Area.
[Freeway]	Sets the Avoid Area to include or not include freeways. The color of the Avoid Area changes depending on the setting. Freeway ON: Green Freeway OFF: Blue
[Delete]	Deletes an Avoid Area.
[OK]	Applies the edited setting.

DELETING STORED ITEM

The locations and routes in the Address Book can be deleted. Deleting an individual item and deleting all stored items are available.

INFO:

Deleted items cannot be restored. Before deleting an item, always make sure that the item is no longer needed.

Deleting stored item individually

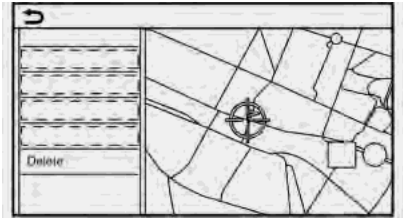
1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation] and touch [Address Book].
3. Touch [Delete Saved Items].
   Select the preferred item and touch [Yes] to confirm deletion.

Available items may vary depending on models and specifications.

Step 1	Step 2	Action
[Delete Home Location]		Deletes home location.
[Delete Work Location]		Deletes work location.
[Delete Address Book]	[Delete All]	Deletes all stored locations.
	[Delete One]	Deletes a selected stored location.
[Delete Saved Routes]	[Delete All]	Deletes all stored routes.
	[Delete One]	Deletes a selected stored route.
[Delete Avoid Areas]	[Delete All]	Deletes all Avoid Areas.
	[Delete One]	Deletes a selected Avoid Area.
[Delete Previous Destinations]	[Delete All Previous Destinations]	Deletes all of the previous destinations.
	[Delete One Previous Destination]	Deletes a selected previous destination.
	[Delete Previous Start Point]	Deletes the previous start point.
[Delete Learned Routes]		Deletes the learned routes.

Deleting individual item on map

1. Align the cross pointer over the stored location to be deleted by moving on the map, and then touch [≡].



2. Touch [Delete].
3. A confirmation message is displayed. Confirm the contents of the message and touch [Yes].
   The stored item is deleted from the Address Book.

NAVIGATION SETTINGS

The navigation system can be customized according to the user's preference.

1. Touch [Settings] on the Launch Bar.
2. Touch [Navigation].
3. Touch the item you would like to set.

Available items:

[Map Settings]

Sets the display method and direction of the map.
☞ "Map settings" (page 6-6)

[Guidance Settings]

Sets the various functions for route guidance.
☞ "Guidance settings" (page 6-22)

[Route Preference]

Changes the routing preferences.
☞ "Route Preference" (page 6-16)

[Traffic Info Settings]

Sets the various functions of the Traffic information feature.
☞ "Traffic information setting" (page 6-26)

[Safety Guide Settings]

[Speed Limit Indication on Map]	Turns on/off the speed limit display function. When this item is turned on, a speed limit indicator will appear on the map screen when available.
[Speed Limit Warning]	Turns on/off the speed limit warning.
[Speed Limit Sens.]	Adjusts the speed limit sensitivity. This function is available when [Speed Limit Warning] is turned on.

[Address Book]

Stores locations and routes. Stored items can be edited or deleted.
☞ "Storing a location/route" (page 6-27)

[Customize POIs]

Sets the POI categories to be displayed on the Points of Interest screen.

[Adjust Current Location]

If the vehicle icon indicating the current vehicle location is not in the correct position, the location of the vehicle icon on the map screen can be adjusted.

[Delete Saved Items]

Deletes a saved location or route.
☞ "Deleting stored item individually" (page 6-34)

[Delete Previous Destinations]

Deletes all or one of the previous destinations or the previous start point.
☞ "Deleting stored item individually" (page 6-34)

[Sync with Door-To-Door Navigation]

Turns on/off Door to Door Navigation.

[Predictable Destination Settings]

[Offer Predictable Destinations]	Turns on/off the driving habit learning function. When this item is turned on, the system learns the driving habits and suggests the predicted destinations if available upon the system activation.
[Delete Predictable Information]	Deletes the learned driving habits.

[Reset All Navigation Settings to Default]

This resets various settings (display, volume level, etc.) to the default settings.

GENERAL INFORMATION FOR NAVIGATION SYSTEM (for U.S. and Canada)

CURRENT VEHICLE LOCATION

Display of current vehicle location

This navigation system combines the data obtained from the vehicle (by gyro sensor) and from GPS (Global Positioning System) satellites to calculate the current location of the vehicle. This position is then displayed throughout route guidance to a destination.

What is GPS (Global Positioning System)?

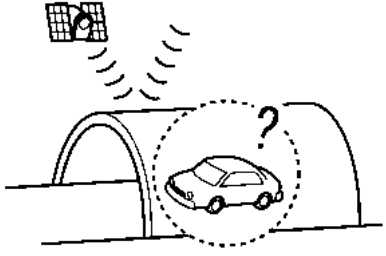
GPS is a position detecting system that uses satellites deployed by the U.S. government. This navigation system receives radio signals from three or more different satellites that orbit 13,049 miles (21,000 km) above the earth in space, and detect the position of the vehicle by utilizing the principle of triangulation.

Positioning adjustment:

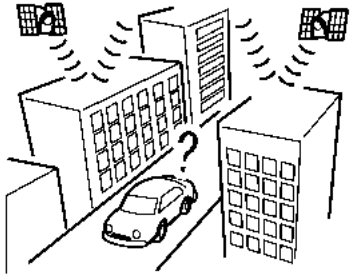
When the system judges that the vehicle position is not accurate based on vehicle speed and gyro sensor data calculations, the system will automatically adjust the position of the vehicle icon using GPS signals.

Receiving signals from GPS satellites:

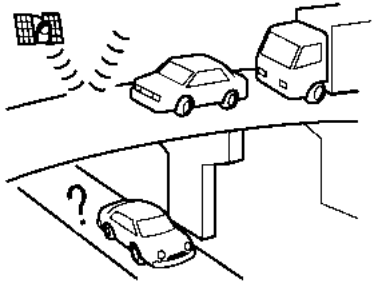
The reception of GPS signals can be weak, depending on the environment. Vehicles in the following areas/environments may not receive GPS signals.



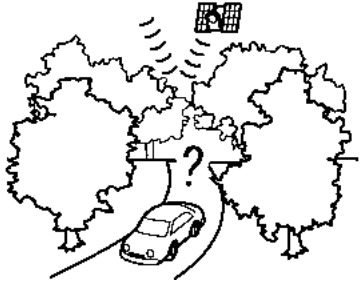
- Inside tunnels or parking garages



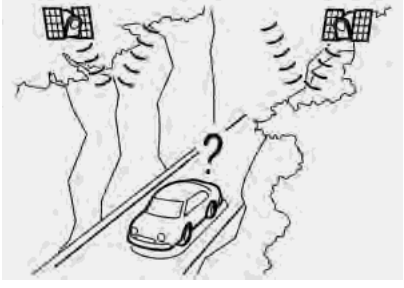
- In areas with numerous tall buildings



- Under multi-layered highways



- Areas with numerous tall trees



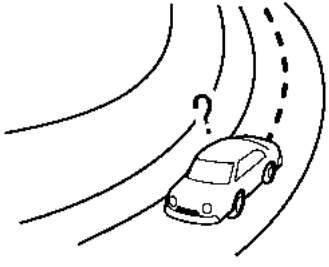
- In canyons

INFO:

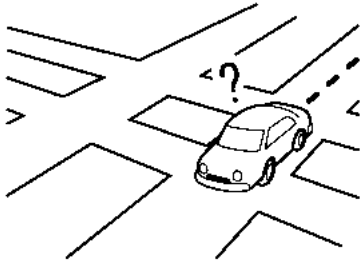
The GPS antenna is located on the instrument panel inside the vehicle. Do not place any objects, especially cellular phones or transceivers, on the instrument panel. Because the strength of the GPS signal is approximately one billionth of that of TV waves, phones and transceivers will affect or may totally disrupt the signal.

Incorrect display of vehicle position

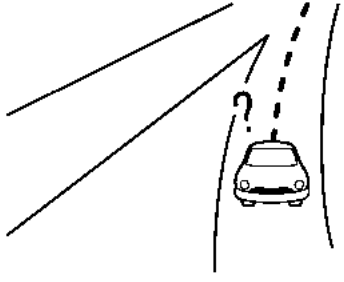
The following cases may affect the display accuracy of the vehicle's position or traveling direction. The accuracy will return to normal if the driving conditions return to normal.



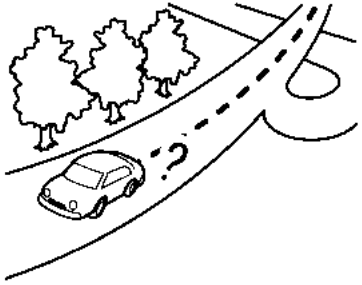
- When there is a similar road nearby.



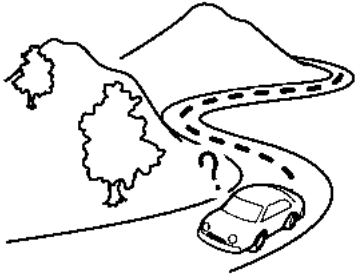
- When the vehicle is traveling in an area with a grid pattern road system.



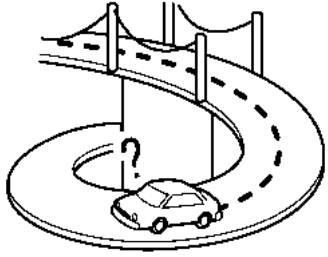
- When the vehicle is passing through a large Y-shaped intersection/junction.



- When the vehicle is traveling on a continuous, slowly curving road.

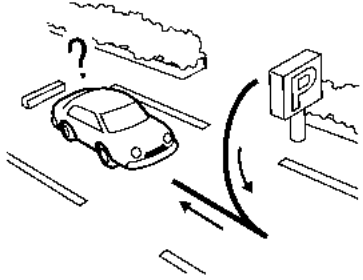


- When the vehicle is traveling on a road with repeating S-shaped curves.

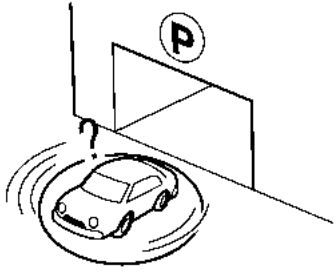


- When the vehicle is on a loop bridge.

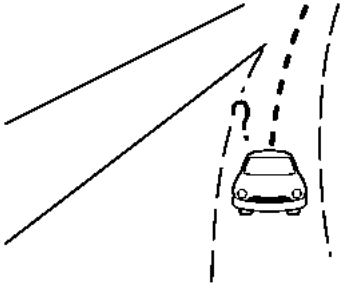
- When the vehicle is on a snow-covered or unpaved road.



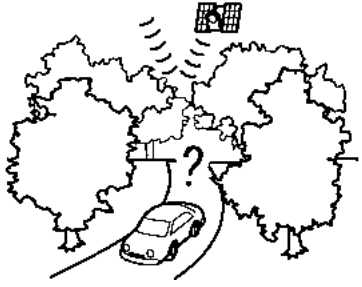
- When repeatedly turning left or right, or driving in zigzags.



- When the vehicle is rotated on a parking lot turntable while the ignition switch placed in the OFF position.



- When driving on a road not displayed on the map screen or a road that has been changed due to additional construction or other reasons.



- When the GPS positioning accuracy is low.

INFO:

- The vehicle icon may be misaligned when starting the vehicle just after starting the engine.
- The vehicle icon may also be misaligned if different sized tires or tire chains are installed.
- The system has a function that automatically corrects the vehicle icon position when it is misaligned from the actual position.
- Vehicle position correction by GPS may not function when the vehicle is stopped.
- If the vehicle icon position does not return to normal even after driving for a while, correct the vehicle icon position manually.

Detailed Map Coverage Areas (MCA) for navigation system

This system is designed to help guiding to the destination, and it also performs other functions as outlined in this manual. However, the system must be used safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up-to-date. The system is not a substitute for safe, proper and legal driving.

Map data covers select metropolitan areas.

Map data includes two types of areas: "Detailed coverage areas" providing all detailed road data and other areas showing "Main roads only".

INFO:

Detailed map data is not available in many areas and is generally limited to select major metropolitan areas.

ROUTE GUIDANCE

INFO:

The system will announce street names when the system language is set to English. Street names are not announced when the system is set to French or Spanish.

Repeating voice guidance

This function is available throughout route guidance, from the time after the route calculation is completed until the vehicle arrives at the destination. Push and hold **<MAP>**. Voice guidance will be repeated.

Notes on voice guidance

- Voice guidance in this system should be regarded as a supplementary function. When driving the vehicle, check the route on the map and follow the actual roads and traffic regulations.
- Voice guidance is activated only for intersections with certain conditions. There may be cases where the vehicle has to turn, but voice guidance is not provided.
- Voice guidance contents may vary, depending on the direction of the turn and the type of intersection.
- The voice guidance timing will vary depending on the situation.
- When the vehicle has deviated from the suggested route, voice guidance is not available. The system will not announce this. Refer to the map and recalculate the route.
  ☞ "Recalculating route" (page 6-19)
- Voice guidance may not accurately correspond with road numbers and directions at freeway junctions.
- Voice guidance may not accurately correspond to street names at freeway exits.
- The displayed street names may sometimes differ from the actual names.
- Voice guidance is not available when the [Guidance Voice] is turned off.
- Voice guidance will start when the vehicle enters the suggested route. Refer to the map for directions to the starting point of the route.
- When approaching a waypoint, voice guidance will announce, "You have arrived at waypoint 1 (2, 3, 4,...)." Voice guidance will switch to the next section of the route. When voice guidance is not available, refer to the map for directions.
- In some cases, voice guidance ends before arrival at the destination. Refer to the destination icon on the map to reach the destination.
- If the system recognizes on which side the destination (waypoint) is located, voice guidance will announce "on the right/left" after announcing the arrival at the destination.
- Voice guidance may be partially operational or inoperative due to the angle of roads at an intersection.
- Because freeway lane information is available only for approximately 7,000 major freeways in North America, it is not possible to display information for all junctions and exits.
- Freeway exit information may differ from the information on the actual exit signs.
- Because it is not possible to consider data concerning roads that are seasonally available or unavailable, a route may be displayed that does not match the actual traffic restrictions. Be sure to follow the actual traffic restrictions while driving.
- Canada and Alaska contain many roads with incomplete map data. As a result, when searching for a route, the route may include roads with incomplete data. In regions where road data is not complete, voice guidance may stop for long periods of time. Be sure to follow the actual traffic restrictions while driving.

ROUTE CALCULATION

- There may be cases where carpool lanes are included on a suggested route when the automatic rerouting function is activated, even if the [Time Restricted Roads] is set to [Use Restriction Info] or [Avoid].
  ☞ "Route Preference" (page 6-16)
- The suggested route may not be the shortest, nor are other circumstances such as traffic jams considered.
- Because of the inevitable difference in road conditions and circumstances between the time you use this system and the time the information was produced for the map data, there may be discrepancies in roads and regulations. In such cases, actual road conditions and regulations take precedence over map data information.
- During route calculation, the map will not scroll, however the vehicle icon will move according to the actual vehicle's movement.
- In some cases, after the calculation is complete, the calculated route may not be immediately displayed.
- Waypoints that have been passed will be disregarded by rerouting calculation.
- If you scroll the map while the suggested route is being drawn, it may take more time to finish drawing.
- Route calculation may not be completed in the following cases.
  — If there is no main road within a range of 1.5 miles (2.5 km) from the vehicle, a message saying so will appear on the screen. Try recalculating when the vehicle is closer to a main road.
  — If there is no main road within a range of 1.5 miles (2.5 km) from the destination or waypoint, a message saying so will appear on the screen. Try setting the location closer to a main road.
  — If the vehicle is too close to the destination or if there are no roads to the destination, a message saying so will appear on the screen.
  — If it is impossible to reach the destination or waypoints because of traffic regulations, etc.
  — If the only route to reach the destination or waypoints is extremely complicated.
- The following may occur when the route is displayed.
  — If you calculate a route on a main road, the starting point of the route may not exactly match the current vehicle location.
  — The endpoint of the route may not exactly match the destination.
  — If you calculate a route on a main road, the system may display a route from another main road. This may be because the position of the vehicle icon is not accurate. In this case, park the vehicle in a safe location and reset the vehicle icon, or continue driving to see if the position of the vehicle icon is automatically adjusted before recalculating the route.
  — There are cases in which the system shows an indirect route to reach the destination or waypoints, if you set them from stored or facility information. In order to correct this, you must be careful about the traffic direction, especially when lanes with different travel directions are shown separately, such as interchanges and service areas.
  — This system makes no distinction between limited traffic control and total control (blockage). It may show an indirect route even if the

road is usable.

— Even if the ferry preference is set to OFF, a route that uses a ferry line may be suggested.

HOW TO UPDATE MAP DATA (if so equipped)

WARNING

TO AVOID RISK OF DEATH OR SERIOUS PERSONAL INJURY WHEN UPDATING THE MAP SOFTWARE:

If you choose to park the vehicle within range of a Wi-Fi connection or a TCU (Telematics Control Unit) (if so equipped), park the vehicle in a secure, safe well-ventilated location that is open to the air. During the update process, if you choose to park your vehicle, it should be kept in a well ventilated area to avoid exposure to carbon monoxide. Do not breathe exhaust gases; they contain colorless and odorless carbon monoxide. Carbon monoxide is dangerous. It can cause unconsciousness or death.

1. **Apply the parking brake.**
2. **Remain with the vehicle while the update is in process.**
3. **Do not allow children, pets or people who may need assistance to remain in the vehicle while the software is updating.**

NOTE:

The vehicle is not required to be parked during the map update process.

Map data can be updated via USB, Wi-Fi or a TCU (Telematics Control Unit) (if so equipped).

Updating with USB memory (if so equipped)

The navigation map data can be updated with the latest information by downloading a new map database to a USB memory device and installing it in the vehicle.

For map update, use the USB memory with the following specifications:

Supported media: USB2.0

Supported file system: FAT32

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar and then touch [System Information].
3. Touch [Map Update] and then touch [Update by USB device].
4. Touch [Save Map Information to USB].
5. Insert blank USB memory device into the USB connection port.
   ☞ "USB (Universal Serial Bus) connection ports" (page 2-7)

INFO:

If data is in the USB memory, it may be deleted.

6. Touch [Start].
7. Touch [OK] after saving the map information to USB.
8. Access to the designated website with your personal computer. Download and install the map update tool in your personal computer. (Consult a Nissan dealer for details.)
9. Download the updated data and store it in the USB memory with the map update tool.
10. Push **<MENU>**.
11. Touch [Info] on the Launch Bar and then touch [System Information].
12. Touch [Map Update] and then touch [Update by USB device].
13. Touch [Install Map Update from USB].
14. Insert the USB memory into the USB connection port.

A confirmation message is displayed. Confirm the contents of the message and touch [Yes].

15. Touch [OK] after completing the update.

INFO:

- The navigation system cannot be operated while the map updates.
- Map data should be updated while the engine is running to prevent discharge of the vehicle battery.
- Depending on the models, the same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Update].

Updating using wireless LAN (Wi-Fi)

The map data can be updated using the vehicle Wi-Fi connection. Wi-Fi communications can be made by using a Wi-Fi network, smartphone, etc.

☞ "Wi-Fi setting" (page 2-17)

1. Connect the vehicle to an available Wi-Fi network.
2. Push **<MENU>**.
3. Touch [Info] on the Launch Bar and then touch [System Information].
4. Touch [Map Update].
5. Touch [Update via Wi-Fi].

   A confirmation message is displayed.
6. Select an area to be updated, and touch [Start].
7. Touch [Yes] to update the selected area.
8. Touch [OK] after completing the update.

INFO:

- Depending on the model, the update is done in the background, and a pop-up message will appear and the updates are reflected in the map data the next time the engine is started.
- Do not turn off the power source of the smartphone while updating.
- Map data should be updated while the engine is running to prevent discharge of the vehicle battery.
- Touch [Vehicle Hotspot] (if so equipped) and turn on the indicator to activate the Wi-Fi hotspot communication.
- The download data size of Map update for one state (such as California or New York for example) or one regional zone (such as Indiana/Michigan or Hawaii/Alaska/Guam for example) can vary between 100 MB to 1 GB. Data size in case of updating multiple states or regional zones can be over 1 GB. Use of Wi-Fi hotspot functionality of your smartphone for Map updates may incur additional data charges from your cellular provider. Please connect to your home Wi-Fi network to avoid additional phone data charges.
- Depending on the models, the same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Update].
- When the vehicle power is shutdown, the map update is suspended. When the map update is resumed, select the same region to update the map from [Update via Wi-Fi].

Automatic map update (if so equipped)

The map data can be updated using the TCU (Telematics Control Unit).

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar and then touch [System Information].
3. Touch [Map Update].
4. Touch [Map Update Settings].
5. Select an area of the map you wish to update. A confirmation message is displayed. The next time you start the system, a notification message will be displayed if map data update is available.
6. When the new map data is available after the vehicle power is on, a pop-up message informing that a map update is available will appear. Touch [Yes] to update the map data.

INFO:

If user selects [No] on the pop-up screen, the automatic map update and software update will not be available forever and user always has to update map and software manually from next time. When the vehicle power is shutdown, the map update is suspended. When the map update is resumed, select the same region to update the map from [Update via Wi-Fi].

7. Touch [OK] after completing the update.

INFO:

- The same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Update].
- The update is done in the background, and the updates are reflected in the map data the next time the system is started.

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GENERAL INFORMATION FOR NAVIGATION SYSTEM (for Mexico)

CURRENT VEHICLE LOCATION

Display of current vehicle location

This navigation system combines the data obtained from the vehicle (by gyro sensor) and from Global Navigation Satellite System (GNSS) to calculate the current location of the vehicle. This position is then displayed throughout route guidance to a destination.

What is Global Navigation Satellite System (GNSS)?

GNSS is a general term for positioning systems that use signals from satellites. This navigation system receives radio signals from three or more different satellites, and detect the position of the vehicle by utilizing the principle of triangulation.

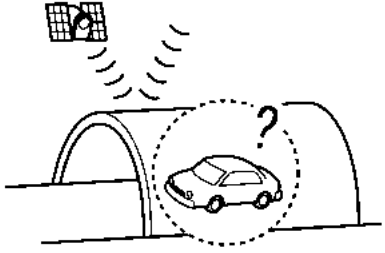
Positioning adjustment:

When the system judges that the vehicle position is not accurate based on vehicle speed and gyro sensor data calculations, the system will automatically adjust the position of the vehicle icon using GNSS

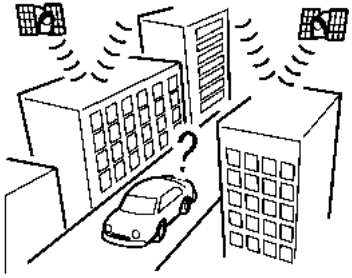
signals.

Receiving signals from GNSS satellites:

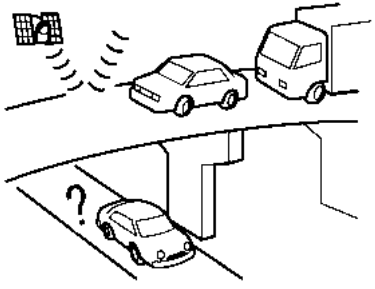
The reception of GNSS signals can be weak, depending on the environment. Vehicles in the following areas/environments may not receive GNSS signals.



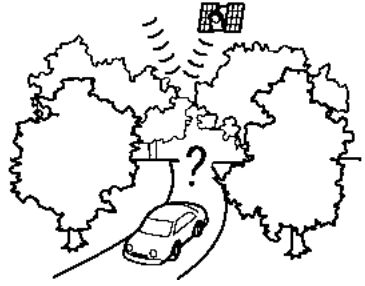
- Inside tunnels or parking garages



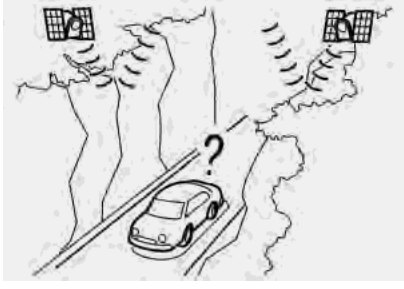
- In areas with numerous tall buildings



- Under multi-layered highways



- Areas with numerous tall trees



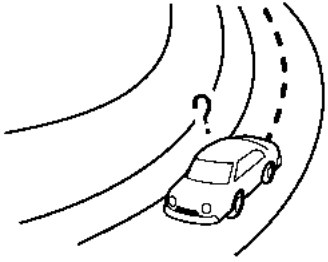
- In canyons

INFO:

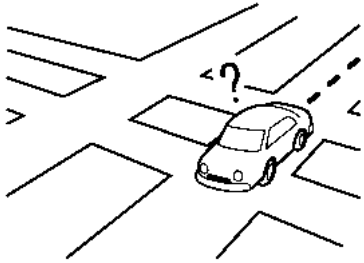
The GNSS antenna is located on the instrument panel inside the vehicle. Do not place any objects, especially cellular phones or transceivers, on the instrument panel. Because the strength of the GNSS signal is weak, phones and transceivers will affect or may totally disrupt the signal.

Incorrect display of vehicle position

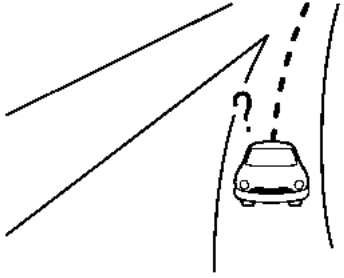
The following cases may affect the display accuracy of the vehicle's position or traveling direction. The accuracy will return to normal if the driving conditions return to normal.



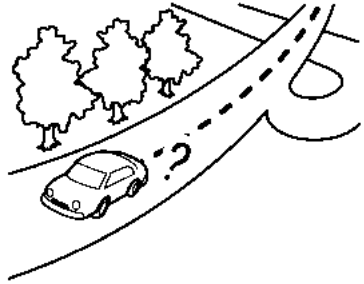
- When there is a similar road nearby.



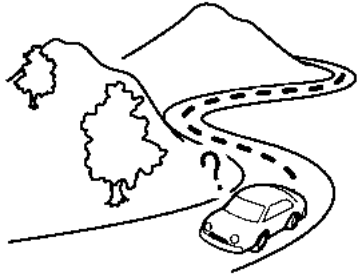
- When the vehicle is traveling in an area with a grid pattern road system.



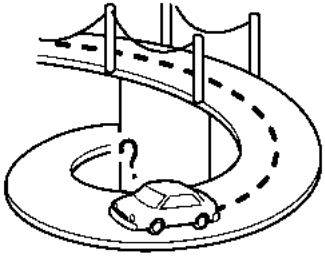
- When the vehicle is passing through a large Y-shaped intersection/junction.



- When the vehicle is traveling on a continuous, slowly curving road.

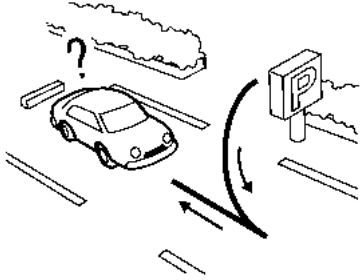


- When the vehicle is traveling on a road with repeating S-shaped curves.

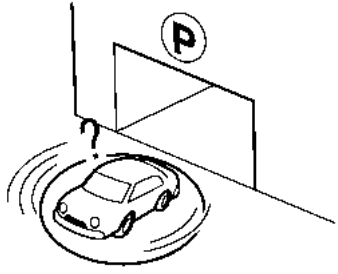


- When the vehicle is on a loop bridge.

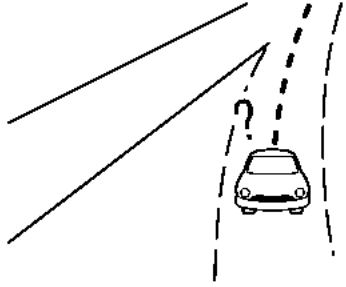
- When the vehicle is on a snow-covered or unpaved road.



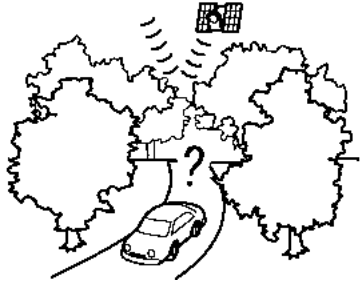
- When repeatedly turning left or right, or driving in zigzags.



- When the vehicle is rotated on a parking lot turntable while the ignition switch placed in the OFF position.



- When driving on a road not displayed on the map screen or a road that has been changed due to additional construction or other reasons.



- When the GNSS positioning accuracy is low.

INFO:

- The vehicle icon may be misaligned when starting the vehicle just after starting the engine or the hybrid system.
- The vehicle icon may also be misaligned if different sized tires or tire chains are installed.
- The system has a function that automatically corrects the vehicle icon position when it is misaligned from the actual position.
- Vehicle position correction by GNSS may not function when the vehicle is stopped.
- If the vehicle icon position does not return to normal even after driving for a while, correct the vehicle icon position manually.

Detailed Map Coverage Areas (MCA) for navigation system

This system is designed to help guiding to the destination, and it also performs other functions as outlined in this manual. However, the system must be used safely and properly. Information concerning road conditions, traffic signs and the availability of services may not always be up-to-date. The system is not a substitute for safe, proper and legal driving.

Map data covers select metropolitan areas.

Map data includes two types of areas: "Detailed coverage areas" providing all detailed road data and other areas showing "Main roads only".

INFO:

Detailed map data is not available in many areas and is generally limited to select major metropolitan areas.

ROUTE CALCULATION

- The suggested route may not be the shortest, nor are other circumstances such as traffic jams considered.
- Because of the inevitable difference in road conditions and circumstances between the time you use this system and the time the information was produced for the map data, there may be discrepancies in roads and regulations. In such cases, actual road conditions and regulations take precedence over map data information.
- During route calculation, the map will not scroll, however the vehicle icon will move according to the actual vehicle's movement.
- During route calculation, buttons such as **<MAP>** and **<MENU>** will be disabled.
- In some cases, after the calculation is complete, the calculated route may not be immediately displayed.
- Waypoints that have been passed will be disregarded by rerouting calculation.
- If you scroll the map while the suggested route is being drawn, it may take more time to finish drawing.
- Route calculation may not be completed in the following cases.
  - If there is no main road within a range of 2.5 km (1.5 miles) from the vehicle, a message saying so will appear on the screen. Try recalculating when the vehicle is closer to a main road.
  - If there is no main road within a range of 2.5 km (1.5 miles) from the destination or waypoint, a message saying so will appear on the screen. Try setting the location closer to a main road.

— If the vehicle is too close to the destination or if there are no roads to the destination, a message saying so will appear on the screen.

— If it is impossible to reach the destination or waypoints because of traffic regulations, etc.

— If the only route to reach the destination or waypoints is extremely complicated.

- The following may occur when the route is displayed.
  — If you calculate a route on a main road, the starting point of the route may not exactly match the current vehicle location.
  — The endpoint of the route may not exactly match the destination.
  — If you calculate a route on a main road, the system may display a route from another main road. This may be because the position of the vehicle icon is not accurate. In this case, park the vehicle in a safe location and reset the vehicle icon, or continue driving to see if the position of the vehicle icon is automatically adjusted before recalculating the route.
  — There are cases in which the system shows an indirect route to reach the destination or waypoints, if you set them from stored or facility information. In order to correct this, you must be careful about the traffic direction, especially when lanes with different travel directions are shown separately, such as interchanges and service areas.
  — This system makes no distinction between limited traffic control and total control (blockage). It may show an indirect route even if the road is usable.
  — Even if the ferry preference is set to OFF, a route that uses a ferry line may be suggested.

ROUTE GUIDANCE

Repeating voice guidance

This function is available throughout route guidance, from the time after the route calculation is completed until the vehicle arrives at the destination. Push and hold **<MAP>**. Voice guidance will be repeated.

Notes on voice guidance

- Voice guidance in this system should be regarded as a supplementary function. When driving the vehicle, check the route on the map and follow the actual roads and traffic regulations.
- Voice guidance is activated only for intersections with certain conditions. There may be cases where the vehicle has to turn, but voice guidance is not provided.
- Voice guidance contents may vary, depending on the direction of the turn and the type of intersection.
- The voice guidance timing will vary depending on the situation.
- When the vehicle has deviated from the suggested route, voice guidance is not available. The system will not announce this. Refer to the map and recalculate the route.
  ☞ "Recalculating route" (page 6-19)
- Voice guidance may not accurately correspond with road numbers and directions at motorway junctions.
- The displayed street names may sometimes differ from the actual names.

- Voice guidance is not available when [Guidance Voice] is turned off.
- Voice guidance will start when the vehicle enters the suggested route. Refer to the map for directions to the starting point of the route.
- When approaching a waypoint, the voice guidance will announce and inform the driver that the vehicle has reached a waypoint. Voice guidance will switch to the next section of the route. When voice guidance is not available, refer to the map for directions.
- In some cases, voice guidance ends before arrival at the destination. Refer to the destination icon on the map to reach the destination.
- Voice guidance may be partially operational or inoperative due to the angle of roads at an intersection.
- Motorway exit information may differ from the information on the actual exit signs.
- Because it is not possible to consider data concerning roads that are seasonally available or unavailable, a route may be displayed that does not match the actual traffic restrictions. Be sure to follow the actual traffic restrictions while driving.

HOW TO UPDATE MAP DATA (if so equipped)

WARNING

TO AVOID RISK OF DEATH OR SERIOUS PERSONAL INJURY WHEN UPDATING THE MAP SOFTWARE:

If you choose to park the vehicle within range of a Wi-Fi connection or a TCU (Telematics Control Unit), park the vehicle in a secure, safe well-ventilated location that is open to the air. During the update process, if you choose to park your vehicle, it should be kept in a well ventilated area to avoid exposure to carbon monoxide. Do not breathe exhaust gases; they contain colorless and odorless carbon monoxide. Carbon monoxide is dangerous. It can cause unconsciousness or death.

1. **Apply the parking brake.**
2. **Remain with the vehicle while the update is in process.**
3. **Do not allow children, pets or people who may need assistance to remain in the vehicle while the software is updating.**

NOTE:

The vehicle is not required to be parked during the map update process.

Map data can be updated via USB, Wi-Fi or a TCU (Telematics Control Unit).

Updating with USB memory (if so equipped)

The navigation map data can be updated with the latest information by downloading a new map database to a USB memory device and installing it in the vehicle.

For map update, use the USB memory with the following specifications:

Supported media: USB2.0

Supported file system: FAT32

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar and then touch [System Information].
3. Touch [Map Update] and then touch [Update by USB device].
4. Touch [Save Map Information to USB].
5. Insert blank USB memory device into the USB connection port.
   ☞ "USB (Universal Serial Bus) connection ports" (page 2-7)

INFO:

If data is in the USB memory, it may be deleted.

6. Touch [Start].
7. Touch [OK] after saving the map information to USB.
8. Access to the designated website with your personal computer. Download and install the map update tool in your personal computer. (Consult a Nissan dealer for details.)
9. Download the updated data and store it in the USB memory with the map update tool.
10. Push **<MENU>**.
11. Touch [Info] on the Launch Bar and then touch [System Information].
12. Touch [Map Update] and then touch [Update by USB device].
13. Touch [Install Map Update from USB].
14. Insert the USB memory into the USB connection port.

    A confirmation message is displayed. Confirm the contents of the message and touch [Yes].
15. Touch [OK] after completing the update.

INFO:

- The navigation system cannot be operated while the map updates.
- Map data should be updated while the engine is running to prevent discharge of the vehicle battery.
- Depending on the models, the same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Update].

Updating using wireless LAN (Wi-Fi)

The map data can be updated using the vehicle Wi-Fi connection. Wi-Fi communications can be made by using a Wi-Fi network, smartphone, etc.

☞ "Wi-Fi setting" (page 2-17)

1. Connect the vehicle to an available Wi-Fi network.
2. Push **<MENU>**.
3. Touch [Info] on the Launch Bar and then touch [System Information].
4. Touch [Map Update].
5. Touch [Update via Wi-Fi].

   A confirmation message is displayed.
6. Select an area to be updated, and touch [Start].
7. Touch [Yes] to update the selected area.
8. Touch [OK] after completing the update.

INFO:

- Depending on the model, the update is done in the background, and a pop-up message will appear and the updates are reflected in the map data the next time the engine is started.
- Do not turn off the power source of the smartphone while updating.
- Map data should be updated while the engine is running to prevent discharge of the vehicle battery.
- Touch [Vehicle Hotspot] (if so equipped) and turn on the indicator to activate the Wi-Fi hotspot communication.
- The download data size of Map update for one state can vary between 100 MB to 1 GB. Data size in case of updating multiple states or regional zones can be over 1 GB. Use of Wi-Fi hotspot functionality of

your smartphone for Map updates may incur additional data charges from your cellular provider. Please connect to your home Wi-Fi network to avoid additional phone data charges.

- Depending on the models, the same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Update].
- When the vehicle power is shutdown, the map update is suspended. When the map update is resumed, select the same region to update the map from [Update via Wi-Fi].

Automatic map update (if so equipped)

The map data can be updated using the TCU (Telematics Control Unit).

1. Push **<MENU>**.
2. Touch [Info] on the Launch Bar and then touch [System Information].
3. Touch [Map Update].
4. Touch [Map Update Settings].
5. Select an area of the map you wish to update. A confirmation message is displayed. The next time you start the system, a notification message will be displayed if map data update is available.
6. When the new map data is available after the vehicle power is on, a pop-up message informing that a map update is available will appear. Touch [Yes] to update the map data.

INFO:

If user selects [No] on the pop-up screen, the automatic map update and software update will not be available forever and user always has to update map and software manually from next time. When the vehicle power is shutdown, the map update is suspended. When the map update is resumed, select the same region to update the map from [Update via Wi-Fi].

7. Touch [OK] after completing the update.

INFO:

- The same operation can be performed by touching [Settings] on the Launch Bar and then touching [System Update].
- The update is done in the background, and the updates are reflected in the map data the next time the system is started.

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7 Voice recognition

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VOICE RECOGNITION

USING VOICE RECOGNITION SYSTEM

Initialization

When the ignition switch is in the ON or ACC position, voice recognition is initialized. When the initialization is complete, the system is ready to accept voice commands. If **<** 🎤 **>** on the steering wheel is pushed before the initialization completes, the display will show a message to wait until the system is ready.

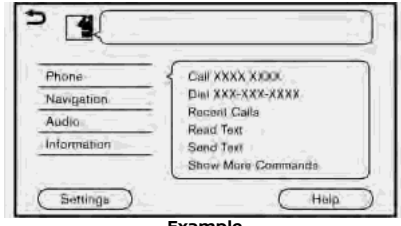
BEFORE STARTING

To get the best recognition performance from voice recognition, observe the following items.

- The interior of the vehicle should be as quiet as possible. Close the windows to eliminate the surrounding noises (traffic noise, vibration sounds, etc.), which may prevent the system from correctly recognizing the voice commands.
- Wait until the tone sounds before speaking a command.
- Speak in a natural conversational voice without pausing between words.
- The system cannot recognize voice commands spoken from passenger seats.

GIVING VOICE COMMANDS

1. Push **<** 🎤 **>** on the steering wheel.



Example

2. A list of commands appears on the screen, and the system provides the voice menu prompt.

   Available category commands are displayed on the left side of the screen. Speak or touch a category command from the category command (such as Phone, Audio, etc.) list.

INFO:

- Some of the commands for each category are shown on the right side of the screen and they can also be spoken without selecting a category.
- After executing the category command, only the commands related to the selected category can be recognized.

3. After the tone sounds and the icon on the screen changes from 🎤 to 🎤, speak a command. You can also select a command by directly touching the screen, using **< ▲ / ▼ >** on the steering wheel or using **<TUNE SCROLL/ENTER SETTING>** on the control panel.

INFO:

The Voice Recognition System will pause its operation when no command is given after a few prompts. To resume the operation, push **<** 🎤 **>** on the steering wheel.

4. Continue to follow the voice menu prompts and speak the voice commands after the tone sounds until the preferred operation is executed.

INFO:

To exit the Voice Recognition System, push and hold **<** 🎤 **>** on the steering wheel or **<BACK>** on the control panel.

Operating tips

- Speak a command after the tone.
- Some commands are only for English.
- If the command is not recognized, the system will prompt you to speak the command again. Repeat the command in a clear voice.
- Touch [⮌] on the touch screen display to return to the previous screen.
- To adjust the volume of the system feedback, push **<** 🔊 **>** on the steering wheel or turn **<VOL/PUSH POWER>** while the system is making an announcement.
- When setting a destination for route guidance with some search methods, such as POI, Intersection or City Center search, the search area is automatically set to the state/province where your vehicle is located. Change state/province to change the search area to another state/province if necessary.

Voice Prompt Interrupt:

In most cases, you can interrupt the voice feedback to speak the next command by pushing **<** 🎤 **>** on the steering wheel. After interrupting the system, wait for a tone before speaking your command.

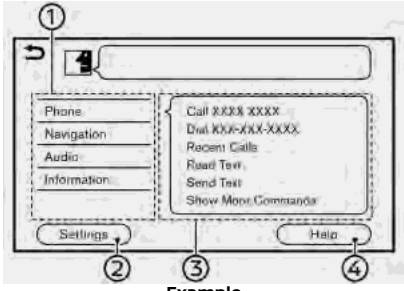
One Shot Call:

To use the system faster when making a call, you may speak the second level command skipping speaking the first level command. For example, push **<** 🎤 **>** and say "Redial" after the tone without first saying "Phone".

How to see voice command screen

1. Push **<** 🎤 **>** to display the first screen of the voice command list.
2. Speak a command or select an item on the voice command list. The Second screen is displayed.
3. Speak a command or select an item on the voice command list. The command is executed or the next screen for further command is displayed.
4. Follow the prompts to complete the commands.

Voice command screens:



Example

① Shows a list of available categories. Speak a category command or touch the key of the corresponding category.

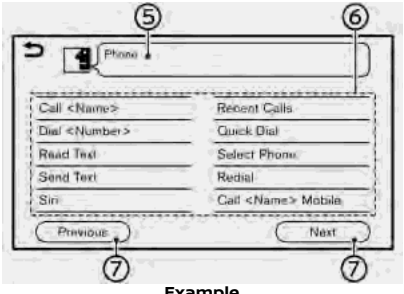
② Touch [Settings] or say "Settings" to display the system voice settings.

③ Shows a list of available commands for the selected category. Speak a preferred command.

④ Touch [Help] or say "Help" to hear help announcements on how to use the system.

INFO:

Push < > to stop the help announcements.



Example

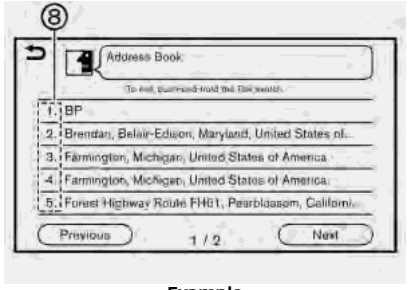
⑤ Previously selected command

⑥ Command list

You can speak a command from the list or touch the corresponding key. Preferred words can be spoken for the part of the command enclosed in < >.

⑦ [Previous]/[Next]

Say as a command or touch to go to the previous/next screen.



Example

⑧ Speak a number from 1 to 5 or touch an item on the list screen to select the item.

INFO:

To use the voice recognition function, you can speak commands in the order of 1st command, 2nd command and 3rd command. You can also operate the system by directly speaking the 2nd command.

How to speak numbers

The Voice Recognition System requires the user to speak numbers in a certain way when giving voice commands.

General rule:

"500", "800" and "900" can be pronounced as "five hundred", "eight hundred" and "nine hundred" respectively.

For other numbers, only single digits "0" (zero) to "9" can be used. (For example, for the number "600", speaking "six zero zero" can be recognized by the system, but "six hundred" cannot be recognized.)

Example:

1-800-662-6200

"One eight hundred six six two six two zero zero"

INFO:

For the best recognition, speak "zero" for the number "0", and "oh" for the letter "o".

SYSTEM VOICE SETTINGS

The system voice settings can be changed.

1. Touch [Settings] on the Launch Bar.
2. Touch [System Voice].
3. Touch a preferred item.

Available setting items may vary depending on models and specifications.

Available setting items

Available item		**Action**
[Initial Voice Prompt]		When this item is turned on, voice prompts are announced.
[Short Voice Prompts]		When this item is turned on, short and minimized voice feedback will be provided.
[Best Match Lists]	[Phonebook]	When these items are turned on, the voice recognition results are displayed on the list in the order of reliable recognition.
	[Music Commands]	
[Voice Preference]		Voice guidance setting can be selected from a male or female voice when the system language is set to English. [Voice Preference] cannot be selected when the system is set to French or Spanish.
[Speech Rate]		Adjusts the speech rate of prompt.

MEMO

8 Troubleshooting guide

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SYSTEM UNIT

LIQUID CRYSTAL DISPLAY

Symptom	Possible cause	Possible solution
The screen is too dark.	The cabin temperature is too low.	Wait until the cabin temperature becomes moderate.
	Screen brightness is set to the maximum darkness.	Adjust the brightness setting of the screen.
The screen is too bright.	Screen brightness is set to the maximum brightness.	Adjust the brightness setting of the screen.
A small black spot or a small bright spot appears on the screen.	This is a typical phenomenon for liquid crystal displays.	This is not a malfunction.
A dot or stripe pattern appears on the screen.	Electromagnetic waves that are generated from neon billboards, high voltage electric power cables, ham radios or other radio devices equipped to other vehicles may adversely affect the screen.	This is not a malfunction.
Image lag appears on the screen.	This is a typical phenomenon for liquid crystal displays.	This is not a malfunction.
Image motion displayed on the screen is slow.	The cabin temperature is less than 50°F (10°C).	Wait until the cabin temperature rises to within 50°F (10°C) and 122°F (50°C).
When looking at the screen from an angle, the screen lightens or darkens.	This is a typical phenomenon for liquid crystal displays.	Adjust the brightness setting of the screen.
The screen turns blue or an error message is displayed on the touch screen display.	A system malfunction has occurred.	It is recommended that you contact a NISSAN dealer for an inspection.

AUDIO SYSTEM

HD RADIO TECHNOLOGY (if so equipped)

Sound

Symptom	Possible cause	Possible solution
Delay in digital audio on HD Radio broadcasts.	The radio acquires an analog station first and blends to an digital signal.	This is not a malfunction.
Audio skips, stutters, or echoes.	The radio station has not properly aligned the digital and analog audio.	Verify correct operation on another station. Report any station with poor performance.
Volume changing up/down.	The radio station has not properly aligned the digital and analog audio level.	Verify correct operation on another station and check www.hdradio.com for stations in the area. Report any station with poor performance.
Sound fading in and out.	The transition between analog and digital is taking place (blending).	Verify transition performance on several stations in the area. Report any stations with poor alignment.
Excessive blending (Transition between analog and digital).	The receiver is located near the edge of the digital coverage area.	Refer to www.hdradio.com to verify radio stations in your coverage area.
Digital audio not better than analog audio.	Audio processing on the digital audio at a station can potentially decrease the digital audio sound quality.	Verify correct operation on another station. Report any station with poor performance.

Functional

Symptom	Possible cause	Possible solution
Keep losing my local stations.	The digital coverage is slightly less than the analog signal coverage.	Verify correct operation on another station. This is expected behavior.
	Shadowing (urban/terrain) can cause reduced digital coverage.	Verify correct operation on another station.
Some data fields are blank.	Text information is sent at the broadcaster's discretion.	Verify correct operation on another station. Report station issues.
Text information is truncated / there appears to be more available.	The display is limited to a fixed number of characters and more data is being sent than can be shown.	This is an intended behavior.
AM reception changes at night.	AM stations are required by the government (FCC) to lower their power at night.	This is not a malfunction.

iPod® PLAYER

Symptom	Possible cause	Possible solution
The system does not recognize an iPod®.	A connector cable is not correctly connected, or the iPod® does not correctly operate.	Connect the connector cable again. If the system does not recognize the iPod® after performing this procedure above, reset the iPod®.
	The iPod® that is to be connected is not compatible with the system.	Check the iPod® model and firmware versions available for the system.
	The connected USB extension cable is not compatible with the system.	Replace the USB extension cable if the system still does not recognize the iPod® after reconnecting the cable properly a number of times.
	The cable is rapidly connected to or disconnected from the USB connection port.	Slowly connect or disconnect the USB cable.
An iPod® cannot be operated.	The iPod® is connected to the in-vehicle audio system while headsets, etc. are connected to the iPod®.	Remove all equipment from the iPod® after disconnecting the iPod® from the system, and then connect it to the system again.
	The iPod® is not operating normally.	Disconnect the iPod® from the in-vehicle audio system, and then connect it to the system again.
	The system plays back an album/file that includes a particular album art.	Disconnect the iPod® from the in-vehicle audio system, and then reset the iPod®. Disable the album art, and then connect the iPod® to the system.
An iPod® does not respond.	There are too many files in a category.	Decrease the number of files in a category (less than 65500 files).
	The shuffle function is turned on.	Turn off the shuffle function if many files are stored on the iPod®.
Music cannot be played back.	A connector is not connected to the iPod®.	Firmly connect the connector to the iPod®.

Symptom	Possible cause	Possible solution
Playback cuts out.	The sound cuts due to vibration resulting from an unstable location of the iPod®.	Place the iPod® on a stable location where it does not roll over.
Battery charge of an iPod® takes longer.	Battery charge of the iPod® may take longer while an iPod® is playing back.	If the iPod® needs to be charged, it is recommended to stop playing the music.
Battery charge of an iPod® is unavailable.	The cable that is connected to the iPod® may be damaged or improperly connected.	Check the cable currently in use.
Functions cannot be operated using an iPod® that is connected to the in-vehicle audio system.	-	The operation of an iPod® must be performed using the in-vehicle audio system after the iPod® is connected to the system.
Sound skips.	Surrounding circumstances (noise, etc.) may cause the sound to skip.	This does not indicate a malfunction.
	A USB extension cable is used.	Do not use a USB extension cable.

USB MEMORY DEVICE

Symptom	Possible cause	Possible solution
The system does not recognize a USB device.	A USB extension cable is used.	Do not use a USB extension cable.
	A USB hub is used.	Do not use a USB hub.
	A USB device is rapidly connected to or disconnected from the USB connection port.	Slowly connect or disconnect the USB device.

BLUETOOTH® AUDIO

Symptom	Possible cause	Possible solution
Registration cannot be performed.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® audio device Owner's Manual.
	Bluetooth® is disabled on device.	Check that the Bluetooth® function is enabled on device.
	The PIN code is incorrect.	Check the PIN code for the Bluetooth® audio device that is to be registered.
		Check that the PIN code for the Bluetooth® audio device is consistent with that for the in-vehicle audio system.
	Another Bluetooth® device is used in the vehicle.	Turn off the other Bluetooth® device until the registration is completed.
Music cannot be played back.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Check the Bluetooth® audio device Owner's Manual.
	The system is not set to the Bluetooth® audio mode.	Push **<AUDIO>** and select the Bluetooth® audio mode. ☞ "Selecting audio source" (page 3-8)
	A Bluetooth® adapter is turned off.	Turn on a Bluetooth® adapter when it is used for a Bluetooth® audio device.
Playback stops.	The Bluetooth® audio device is not compatible with the in-vehicle audio system.	Contact a NISSAN dealer or visit www.nissanusa.com/bluetooth/ (for U.S. and Canada) to check Bluetooth® audio device compatibility.
	A cellular call is active.	This is not a malfunction.
	Sound may cut out when a Bluetooth® audio device is operated.	Push **<AUDIO>** and select the Bluetooth® audio mode, and then operate a function on the touch screen display of the in-vehicle system instead of conducting the operation on the Bluetooth® audio device.

Symptom	Possible cause	Possible solution
Audio operation cannot be performed.	A Bluetooth® audio device that does not support audio operations is in use.	Contact a NISSAN dealer or visit www.nissanusa.com/bluetooth/ (for U.S. and Canada) to check Bluetooth® audio device compatibility.
	An error occurs when connecting to a Bluetooth® audio profile.	Turn the power source of the Bluetooth® audio player off and on, and then resume connection with the system.

BLUETOOTH® HANDS-FREE PHONE SYSTEM

Symptom	Possible cause	Possible solution
A cellular phone cannot be registered.	The cellular phone is not compatible with the in-vehicle hands-free phone system.	Use a cellular phone compatible with the system. Contact a NISSAN dealer or visit www.nissanusa.com/bluetooth/ (for U.S. and Canada) to check compatibility.
	Registration of the cellular phone has been performed incorrectly.	Check the registration procedure, and then register the cellular phone again.
A cellular phone cannot be connected or is disconnected after the registration is completed.	The Bluetooth® setting of the in-vehicle hands-free phone system is turned off.	Turn on the Bluetooth® setting of the system.
	The Bluetooth® setting of the cellular phone is turned off.	Turn on the Bluetooth® setting of the cellular phone.
	The remaining battery level of the cellular phone is low.	Charge the battery of the cellular phone.
	The wireless Bluetooth® connection may be disrupted depending on the location of the cellular phone.	Do not place the cellular phone in an area surrounded by metal or far away from the in-vehicle hands-free phone system. Do not place the cellular phone close to the seats or your body.
	Registration of the cellular phone is not completed.	Perform registration of the cellular phone.
A call to a particular phone number fails.	If the system tries to make a call several times to the same phone number (for example: the party does not respond to the call, the party is out of the service area, or the call is abandoned before the party responds), the system may reject a request to make a call to the phone number.	Turn off the cellular phone and turn it on again to reset the connection.

Symptom	Possible cause	Possible solution
The system does not recognize the connection of a cellular phone. The system does not receive or make a call.	The cellular phone is not compatible with the in-vehicle hands-free phone system.	Use a cellular phone compatible with the system. Contact a NISSAN dealer or visit www.nissanusa.com/bluetooth/ (for U.S. and Canada) to check compatibility.
	The cellular phone is not connected.	Check the registration procedure, and then register the cellular phone again.
	The phone operation is limited by the functions (such as dial lock, etc.) of the registered cellular phone.	Remove any settings that are limiting use of the cellular phone, and then perform registration again.
The other party cannot hear your voice. The other party can hear your voice, but it cracks or cuts out.	Mute function is enabled.	Verify mute function is disabled.
	The cellular phone is not connected.	Check the registration procedure, and then register the cellular phone again.
	The fan speed of the heater/air conditioner is too fast.	Decrease the fan speed of the heater/air conditioner.
	The ambient noise level is excessive. (For example: heavy rain, construction sites, inside a tunnel, oncoming vehicles, etc.)	Close the windows to shut out ambient noise.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed.
	The incoming voice volume is too loud/soft.	Adjust the volume using **<VOL/PUSH POWER>** or **< 🔊 >**.
	The outgoing voice volume is too loud/soft.	Adjust the volume from volume adjustment screen.
The voice is cut out or noise is heard during a call.	The wireless Bluetooth® connection may be disrupted depending on the location of the cellular phone.	Do not place the cellular phone in an area surrounded by metal or far away from the in-vehicle hands-free phone system. Do not place a cellular phone close to the seats or your body.

Symptom	Possible cause	Possible solution
When a cellular phone is operated to make a call, the hands-free function becomes unavailable.	Some models of a cellular phone do not switch to the hands-free mode when they are operated to make a call.	This is not a malfunction. Make another call using the hands-free function.
The other party's voice cannot be heard. There is no ringtone.	The volume level is set to the minimum.	Adjust the volume level.
	A cellular phone is not connected.	Check the registration procedure, and then register the cellular phone again.
Each volume level (ringtone, incoming voice or outgoing voice) is different.	Each volume level is not adjusted properly.	Adjust each volume level properly.
The antenna display is different between the touch screen display and a cellular phone screen. Making or receiving a call is unavailable even though the antenna display shows that it is possible to do so.	The antenna display varies depending on the model of cellular phone.	This does not indicate a malfunction. The antenna display and remaining battery level shown on the touch screen display may be different from those shown on the cellular phone screen. Use them as a reference.
A voice cannot be heard clearly when using a cellular phone behind tall buildings.	Some structures such as tall buildings, etc. may cause irregular reflection of radio waves or completely shut out radio waves that are used for cellular phones.	Move to a place without tall buildings.
Noise is heard when using a cellular phone under/near areas of elevated railroads, high voltage electric power cables, traffic signals, neon billboards, etc.	Electromagnetic waves that are generated from radio devices may adversely affect the cellular phone.	This is not a malfunction.
Noise is heard in the sound from the audio system while using a cellular phone.	Radio waves that are generated from a cellular phone may adversely affect the sound from the audio system.	This is not a malfunction.
Sound skips or stutters.	The cellular phone may have turned on the wireless LAN (Wi-Fi).	Turn off the wireless LAN (Wi-Fi).

Symptom	Possible cause	Possible solution
Phonebook cannot be downloaded.	An error occurred during the phone pairing process.	Please delete the Bluetooth® pairing information from both the cellular phone and vehicle system before registering it again.
	Phone does not support phonebook download function.	Contact a NISSAN dealer or visit www.nissanusa.com/bluetooth/ (for U.S. and Canada) to check compatibility.

NISSANCONNECT® SERVICES (if so equipped)

Symptom	Possible cause	Possible solution
The system cannot connect to the NissanConnect® Services Data Center.	A subscription for the NissanConnect® Services has not been established.	Sign up for a subscription to the NissanConnect® Services. For details about subscriptions, visit the website or contact the support line (for U.S. and Canada). ☞ "NissanConnect® Services features" (page 5-8) ☞ "NissanConnect® Services features" (page 5-17)
	The communication line is busy.	Try again after a short period of time.
	The vehicle is in a location where it is difficult to receive radio waves.	When the vehicle moves to an area where radio waves can be transmitted sufficiently, communication will be restored. When the icon on the display shows that the vehicle is inside the communication area, the system can be used.
	TCU (Telematics Control Unit) is not turned on.	If the icon does not show that the vehicle is inside the communication area despite the fact that the vehicle is in that location, visit the website or contact the support line (for U.S. and Canada). ☞ "NissanConnect® Services features" (page 5-8) ☞ "NissanConnect® Services features" (page 5-17)
	Radio wave reception is not sufficient for TCU (Telematics Control Unit) operation.	When the vehicle moves to an area where radio waves can be transmitted sufficiently, communication will be restored. When the icon on the display shows that the vehicle is inside the communication area, the system can be used.
Some of the items that are displayed on the menu screen cannot be selected.	The vehicle is being driven and some menu items are disabled.	Stop the vehicle in a safe location and apply the parking brake before operating the menu screen items.
Some parts of the screen are not displayed.	The vehicle is being driven and some menu items are disabled.	Operate the system after stopping the vehicle in a safe location and applying the parking brake.
The system does not announce information.	The volume level is set to the minimum.	Adjust the volume level by operating **<VOL/PUSH POWER>** on the control panel or **<** 🔊 **>** on the steering wheel switch while the system is announcing information.

Apple CarPlay®

Symptom	Cause and Countermeasure
Cannot start Apple CarPlay® though it is tethered to the vehicle.	The USB cable is not connected to the USB connection port. Properly connect the USB cable to the USB connection port. ☞ "USB (Universal Serial Bus) connection ports" (page 2-7)
	Use an Apple Lightning™ cable (Mfi certified) to connect your phone to the USB connection port and check the cable that is not broken.
	Apple CarPlay® setting is not active on your iPhone®. Turn on "CarPlay" on your iPhone®.
	The device is not compatible with Apple CarPlay®. Check the compatibility requirements.
Apple CarPlay® performance decreases. For example, slow connectivity or slow application functionality. or An error message appears when trying to access features of Apple CarPlay®. A blank screen appears when trying to access maps.	Confirm you have a compatible iPhone®, a cellular connection and an active data plan.
	Use an Apple Lightning™ cable (Mfi certified) to connect your phone to the USB connection port.
	Phone's performance or cellular connection. Disconnect and reconnect your phone.
	Phone's performance or cellular connection. Cycle phone power off/on to restart.
Cannot access Siri® using **<** **>** on the steering wheel.	The USB cable may not be properly connected. Disconnect and reconnect the USB cable.
	Siri® setting is not enabled on the phone. Turn on "Siri" on your phone.
	Check that you are pushing and holding **<** **>** instead of just pushing the switch to initiate Siri® operation.

Android Auto™

Symptom	Cause and Countermeasure
Cannot start Android Auto™ though it is connected to the vehicle.	The USB cable is not connected to the USB connection port. Properly connect the USB cable to the USB connection port. ☞ "USB (Universal Serial Bus) connection ports" (page 2-7)
	[Start-up Options] is set to [Never Start]. Change the setting to [Auto] or [Ask Every Time]. ☞ "Android Auto™ settings" (page 5-35)
	To activate Android Auto™, touch [▲] on the Launch Bar or touch [Smartphone Connection] on the information screen and then touch [Android Auto]. ☞ "Selecting menu from Launch Bar" (page 2-8) ☞ "Information menu" (page 5-2)
	The connected device is not compatible with Android Auto™. Check the compatibility requirements.
	Your Android™ phone may not be recognized if its battery is low. Charge your Android™ phone then try again.
Android Auto™ performance decreases. For example, slow connectivity or slow application functionality. or An error message appears when trying to access features of Android Auto™. A blank screen appears when trying to access maps.	Confirm you have a compatible Android™ phone, a cellular connection and an active data plan.
	Use the Android™ phone OEM cable to connect your phone to the USB connection port.
	Phone's performance or cellular connection. Disconnect and reconnect your phone.
	Phone's performance or cellular connection. Close all apps and restart them.
	Phone's performance or cellular connection. Cycle phone power off/on to restart.

Cannot start voice operation using **<** **>** on the steering wheel.	The USB cable may not be properly connected. Disconnect and reconnect the USB cable.
	Voice operation cannot be performed while driving. Turn on the "While driving" setting on your Android™ phone.
	Check that you are pushing and holding **<** **>** instead of just pushing the switch to voice operation.

SIRI® EYES FREE

Symptom	Cause and Countermeasure
Cannot access Siri® Eyes Free using **<** **>** on the steering wheel.	Check if a Bluetooth® connection is established between the iPhone® and the system.
	Check if Siri® is enabled on the device. On your phone, go to Siri® setting.
	Check that Siri® can be accessed from the device lock screen. This can be set in the settings menu of your phone.
Audio source does not change automatically to iPod® or Bluetooth® audio mode.	For best results, use the native music app. Performance of music control function while using Podcasts, Audiobook or other third party music apps may vary.
	For best results, play media already stored on your device. Streaming music or playback from cloud storage may degrade performance.
	Switch the source manually by pushing **<AUDIO>**.
Play, pause, next track, previous track or play timer does not work.	For best results, use the native music app. Performance of music control function while using Podcasts, Audiobook or other third party music apps may vary and is controlled by the device.
Cannot hear any music/audio being played back from a connected iPhone®.	Check that the audio source is set to Bluetooth® audio or iPod® mode. A USB connection is required for iPod® mode.
Cannot receive text message notifications on the vehicle audio system.	Check if "Show Notifications" is enabled on your phone. On your phone, go to Bluetooth® settings. Find the device name, like "MY CAR". Touch the ⓘ icon on your phone. Turn on "Show Notifications".
Cannot reply to text message notifications using Siri® Eyes Free.	After receiving an incoming text message, follow the on-screen guidance. Push and hold **<** **>** on the steering wheel for Siri® Eyes Free. After Siri® Eyes Free starts, say "Text Message".

NAVIGATION (if so equipped)

BASIC OPERATIONS

Symptom	Possible cause	Possible solution
No image is displayed.	The brightness is at the lowest setting.	Adjust the brightness of the display.
	The display is turned off.	Push **<☀/♪>** to turn on the display.
The volume of the voice guidance is too high or too low.	The volume is not set correctly, or the voice guidance setting is turned off.	Adjust the volume of the voice guidance or turn on the voice guidance setting.
No map is displayed on the screen.	A screen other than a map screen is displayed.	Touch [Map] on the Launch Bar or push **<MAP>**.
The screen is too dim. The movement is slow.	The temperature in the interior of the vehicle is low.	Wait until the interior of the vehicle has warmed up.
Some pixels in the display are darker or brighter than others.	This condition is an inherent characteristic of liquid crystal displays.	This is not a malfunction.
Some menu items cannot be selected.	Some menu items become unavailable while the vehicle is driven.	Park the vehicle in a safe location, and then operate the navigation system.

MAP SCREEN

Symptom	Possible cause	Possible solution
Names of roads and locations differ between 2D and 3D view.	This is because the quantity of the displayed information is reduced so that the screen does not become too cluttered. There is also a chance that names of the roads or locations may be displayed multiple times, and the names appearing on the screen may be different because of a processing procedure.	This is not a malfunction.
The location of the vehicle icon is misaligned from the actual position.	The vehicle was transported after the ignition switch was placed in the OFF position, for example, by a ferry or car transporter.	Drive the vehicle for a period of time on a road where GPS/GNSS signals can be received.
	The position and direction of the vehicle icon may be incorrect depending on the driving environments and the levels of positioning accuracy of the navigation system.	This is not a malfunction. Drive the vehicle for a period of time to automatically correct the position and direction of the vehicle icon. ☞ "Current vehicle location" (page 6-38) ☞ "Current vehicle location" (page 6-48)
	Driving with tire chains or tires that have been replaced may result in an incorrect vehicle location display due to miscalculation by the speed sensor.	Drive the vehicle for a period of time (at approximately 19 MPH (30 km/h) for about 30 minutes) to automatically correct the vehicle icon position. If this does not correct the vehicle icon position, it is recommended you contact a NISSAN dealer.
	The map data has a mistake or is incomplete (the vehicle icon position is always misaligned in the same area).	Updated road information will be included in the next version of the map data. ☞ "How to update map data" (page 6-44) ☞ "How to update map data" (page 6-54)

Symptom	Possible cause	Possible solution
When the vehicle is traveling on a new road, the vehicle icon is located on another road nearby.	Because the new road is not stored in the map data, the system automatically places the vehicle icon on the nearest road available.	Updated road information will be included in the next version of the map data. ☞ "How to update map data" (page 6-44) ☞ "How to update map data" (page 6-54)
The screen does not switch to the night screen even after turning on the headlights.	The daytime screen was set the last time the headlights were turned on.	Set the screen to the night screen mode using **<☀/☽>** when turning on the headlights.
The map does not scroll even when the vehicle is moving.	The current location map screen is not displayed.	Touch [Map] on the Launch Bar or push **<MAP>**.
The vehicle icon is not displayed.	The current location map screen is not displayed.	Touch [Map] on the Launch Bar or push **<MAP>**.

ROUTE CALCULATION AND VISUAL GUIDANCE

Symptom	Possible cause	Possible solution
Waypoints are not included in the auto reroute calculation.	Waypoints that have been already passed are not included in the auto reroute calculation.	To go to that waypoint again, edit the route.
Route information is not displayed.	Route calculation has not yet been performed.	Set the destination and perform route calculation.
	The vehicle is not on the suggested route.	Drive on the suggested route.
	Route guidance is turned off.	Turn on route guidance.
	Route information is not provided for certain types of roads.	This is not a malfunction.
The auto reroute calculation (or detour calculation) suggests the same route as the one previously suggested.	Route calculations took priority conditions into consideration, but the same route was calculated.	This is not a malfunction.
A waypoint cannot be added.	Twenty waypoints are already set on the route, including ones that the vehicle has already passed.	A maximum of 20 waypoints can be set on the route. To go to 21 or more waypoints, perform route calculations multiple times as necessary.
The suggested route is not displayed.	Roads near the destination cannot be calculated.	Reset the destination to a main or ordinary road, and recalculate the route.
	The starting point and destination are too close.	Set a more distant destination.
	The starting point and destination are too far away.	Divide the trip by selecting one or two intermediate destinations, and perform route calculations multiple times.
	There are time restricted roads (by the day of the week, by time) near the current vehicle location or destination.	Select [Do Not Use Restriction Info] in the [Time Restricted Roads] setting. ☞ "Route Preference" (page 6-16)
A part of the route is not displayed.	The suggested route includes narrow streets.	This is not a malfunction.

Symptom	Possible cause	Possible solution
The part of the route that the vehicle has already passed is deleted.	A route is managed by sections between waypoints. If the vehicle passed the first waypoint, the section between the starting point and the waypoint is deleted (it may not be deleted depending on the area).	This is not a malfunction.
An indirect route is suggested.	If there are restrictions (such as one-way streets) on roads close to the starting point or destination, the system may suggest an indirect route.	Adjust the location of the starting point or destination.
	The system may suggest an indirect route because route calculation does not take into consideration some areas such as narrow streets.	Reset the destination to a main or ordinary road, and recalculate the route.
The landmark information does not correspond to the actual information.	This may be caused by insufficient or incorrect map data.	Updated information will be included in the next version of the map data. ☞ "How to update map data" (page 6-44) ☞ "How to update map data" (page 6-54)
The suggested route does not exactly connect to the starting point, waypoints or destination.	There is no data for route calculation closer to these locations.	Set the starting point, waypoints and destination on a main road, and perform route calculation.

VOICE GUIDANCE

Symptom	Possible cause	Possible solution
Voice guidance is not available.	The vehicle has deviated from the suggested route.	Go back to the suggested route or request route calculation again.
	Voice guidance is turned off.	Turn on voice guidance.
	Route guidance is turned off.	Turn on route guidance.
The guidance content does not correspond to the actual road conditions.	The content of voice guidance may vary, depending on the types of intersections at which turns are made.	Follow all traffic rules and regulations.

TRAFFIC INFORMATION

Symptom	Possible cause	Possible solution
Traffic information is not displayed.	Traffic information is not turned on.	Turn on the traffic information.
	The vehicle is in an area where traffic information is not available.	Scroll to an area where traffic information is available.
	The subscription to SiriusXM Traffic™ is incomplete, or the subscription to SiriusXM Traffic™ has expired.	Check the subscription status of SiriusXM Traffic™. ☞ "Notes on SiriusXM Traffic™ information" (page 6-23)
	The map scale is set at a level where the display of icons is impossible.	Check that the map scale is set at a level in which the display of icons is possible. ☞ "Traffic information on map" (page 6-25)
With the automatic detour route turned on, no detour route is set to avoid congested areas.	There is no faster route compared to the current route, based on the road network and the traffic information.	The automatic detour search is not intended for avoiding traffic jams. It searches for the fastest route taking conditions such as traffic jams into consideration. Follow the current route. ☞ "Notes on SiriusXM Traffic™ information" (page 6-23)
The route does not avoid a road section with traffic information stating that it is closed due to road construction.	The navigation system is designed not to avoid this event because the actual period of closure may differ from the declared roadwork period.	Observe the actual road conditions and follow the instructions on the road for a detour when necessary. If the road is closed, use the detour function and set the detour distance to avoid the road section that is closed.

VOICE RECOGNITION

Symptom	Possible cause	Possible solution
The system does not operate or fails to interpret the command correctly.	The interior of the vehicle is too noisy.	Close the windows or have the other occupants be quiet.
	The fan speed of the heater/air conditioner is too fast.	Decrease the fan speed of the heater/air conditioner.
	The noise generated by driving the vehicle is too loud.	Reduce the vehicle speed.
	The voice command is spoken in a low voice.	Speak the command in a louder voice.
	The timing of speaking a command is too early.	Speak the command after confirming the following: a voice guidance is announced, a tone sounds, and an icon on the screen changes from gray to orange.
	The command is spoken too slowly.	Speak in a natural voice without pausing between words.
The system prompts to repeat a command.	Pronunciation is unclear.	Speak clearly.
	The command is spoken too late after the tone.	Speak the command within 5 seconds after confirming the following: a voice guidance is announced, a tone sounds, and an icon on the screen changes from gray to orange.
	An improper command is spoken.	Speak the command or a number that is displayed on the screen.
		Speak a command that is shown in the command list.
The system does not correctly recognize a number spoken.	Too many numbers are spoken at once.	Place a pause between the appropriate digits for correct recognition by the system. When speaking a telephone number, place a pause between area codes, dial codes, etc.

Symptom	Possible cause	Possible solution
USB memory device cannot be operated with voice commands.	Depending on the device, iPhone® or iPod® may be recognized as a USB memory device.	This is not a malfunction.
The USB/iPod® operation screen is grayed out.	The audio device is not connected.	Connect an audio device to the system.
An error message is displayed when trying to select a track and operate USB/iPod®.	The track information is being processed for registration by the system.	Song information will be loaded into the system when a new audio device is registered for the first time or when the song information in the pre-registered device has been changed. Please wait for the loading to complete which may take a few minutes to up to an hour.
	A number of songs exceeding the amount the device can contain are stored in the connected audio device.	Decrease the number of songs stored in the audio device.
	No song is stored in the audio device.	Store songs in the connected audio device. Storing songs with information such as artist name, album name, song name, playlist, etc., will make voice recognition song search available.
The system does not correctly recognize a Point of Interest (POI) name spoken.	There are some rare cases where a POI search is unavailable by speaking the facility name but the location can be found on the map.	This is not a malfunction. Consider using an alternate search method, like street address.
	Partial or alias name is spoken.	For best results, speak the full name.

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MEMO

ALTIMA KICKS ROGUE

MURANO TITAN SENTRA

QASHQAI MAXIMA VERSA

ROGUE SPORT NV200 COMPACT CARGO

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